



American
Proficiency
Institute

Innovative Solutions.
Technical Excellence.

2024 CATALOG OF PROGRAMS

ACCEPTED BY: CAP, CMS, COLA, TJC

ISO Accredited by A2LA: Cert. #3094.01 - see p. 8

Learn more at
api-pt.com





**Technical expertise.
Responsive service.
Constant innovation.**

We're proficient at all of them.

When it comes to proficiency testing, reliability is everything. You need a provider that fully supports you with technical expertise and prompt, personal service. At API, we work with over 20,000 laboratories, covering all areas of laboratory medicine. Impressive numbers, for sure. But our reputation as a leader has grown because we are committed to providing the best customer service in the industry. We handle each contact promptly and professionally, so you don't wait for answers. Our technical experts fully understand the laboratory so they can assist you with a wide range of needs. We also provide automated result transmission, creative online services, and free Continuing Education credits.

The end result? With API, you have people and results you can rely on to meet all your proficiency testing needs.







Upload your proficiency testing results without an interface!

API DataDirect

Eliminate the #1 cause of Proficiency Testing failures, **Clerical Errors!**

- Quantitative & Qualitative results
- Automated mapping of test names
- No middleware or software installation
- No additional cost - it's free!

Over 6 million results have been successfully uploaded using this revolutionary technology!

The process is simple:



DataDirect utilizes the ability of your LIS to run a report and create a data file which is uploaded on API's website.

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Enrollment Information

Enrollment

1. Use this catalog to select the programs you need and record the selections on the order form. Please follow the instructions below to complete the form. Make sure to include:

- a. Shipping Address
- b. Billing Address (if different than shipping address)
- c. Regulatory Information (CLIA number, CAP, TJC, or COLA, etc.)

d. Payment Method:

If paying by check, mail to:
American Proficiency Institute
P.O. Box 7592
Carol Stream, IL 60197-7592

2. Ensure the “TOTAL” includes the \$150 Annual Enrollment fee which covers shipping, administrative costs of setting up customer files, data processing, and reports.

3. To Order:

- a. Email your order to CustomerService@api-pt.com
- b. Fax the order form to us at 855-900-6119
- c. Call us at 800-333-0958 and speak with a Customer Service Representative

d. Mail orders to:

American Proficiency Institute
P.O. Box 7592
Carol Stream, IL 60197-7592

4. After processing your order, we will send you an “Order Confirmation” showing products ordered and pre-set shipping dates:

- a. Mark your calendar with the shipment dates. If your kit does not arrive within 3 business days after the shipment date, call us so we can track the kit or issue a replacement.
- b. Inspect your kit immediately upon receipt. Call us within 3 days if any sample is missing or damaged to request a replacement. Please call prior to discarding any damaged samples or refusing a kit.
- c. Read the instructions carefully before beginning a test. Some samples require special handling before testing.
- d. Keep a copy of any result forms mailed to API.

Partial Year Orders

API makes every effort to accommodate new orders or order changes throughout the year. Except for the annual enrollment fee, we will prorate the prices for orders received after the first shipment.

Cancellations

We will credit any charges for unshipped specimens if we receive notification four weeks prior to the next shipment. In accordance with our cancellation policy, all credits expire within 120 days of the credit memo date. The annual enrollment fee is nonrefundable.

International and Non-Continental U.S. Customers

API is able to service many international locations and non-continental U.S. customers. Some locations, including the state of Hawaii, U.S. territories and commonwealths, as well as international locations, may require import permits for API shipments. Local authorities can assist you in determining if any permits are required for your location. *Please note: It is the responsibility of the testing facility to obtain any required import permits.*

Additional shipping charges for international and non-continental U.S. locations may apply. Please contact Customer Service at GlobalCustomerService@api-pt.com for more information.

2024 Highlights

API Proficiency Testing Programs are CAP Accepted!

We are pleased to report that the College of American Pathologists continues to accept proficiency testing programs from the American Proficiency Institute. This means CAP accredited laboratories can use API's proficiency testing programs. Please refer to the index on pages 138 through 143 for a complete listing of CAP accepted analytes. API programs are also accepted by CMS, COLA, TJC, and state regulatory agencies including New York state.

API is ISO Accredited!

We are proud to be accredited as a proficiency testing provider to the requirements of ISO/IEC 17043:2010. We are accredited by the American Association for Laboratory Accreditation (A2LA) under certificate number 3094.01 (www.A2LA.org). A2LA is a signatory to the ILAC Mutual Recognition Arrangement (MRA) which provides global recognition of PT accreditations. Programs included under the scope of this accreditation are marked with a ✓ in this catalog.* Evaluations for accredited analytes can be used by ISO 15189-accredited laboratories to fulfill PT requirements.

**Printed versions of the catalog may not have the most current scope information; please see online catalog for current status.*

Track Proficiency Performance using API DataDashboard

With API's DataDashboard, laboratories can quickly and easily view proficiency testing performance over the most recent six test events. The dashboard includes trend data by analyte, percentage of acceptable results compared to all API labs, failure count by test event, and analytes with unsatisfactory performance. Customers can log in to their API Paperless PT account to access their dashboard. Contact us at TechSupport@api-pt.com or call us if you need assistance.

Automated Proficiency Results with API DataDirect

Using their laboratory information system (LIS) or middleware, laboratories may now transmit proficiency testing results directly to API, a process that revolutionizes proficiency testing for clinical laboratories. No more manual data entry, no more clerical errors, no new technology systems to purchase, and no additional fees! DataDirect is easy to use and saves time! Contact us at DataDirect@api-pt.com or call us for a demonstration and free Test Drive.

2024 Shipping Schedule

Below is a general shipping schedule. A printable shipping and reporting schedule is available on our website. Shipping dates will also be printed on your order confirmation.

2024 SHIPPING SCHEDULE	1st Event Ship Date	2nd Event Ship Date	3rd Event Ship Date
Chemistry - Core	January 8	May 13	August 19
Chemistry - Miscellaneous	April 15	October 7	-
Hematology	March 4	July 8	October 28
Andrology	March 4	-	October 28
Coagulation	March 4	July 8	October 28
Urinalysis, Microscopy - Misc.	March 4	July 8	October 28
Microbiology	February 5	June 3	September 16
Mycobacteriology	February 26	August 12	-
Mycology	January 8	May 13	August 19
Immunology / Immunohematology	March 25	July 29	November 18

New & Enhanced Programs!

- ANA - Educational Pattern ID, Nuclear Titer, Pattern Interpretation added - #421* on page 107.
- Blood Oximetry - O2 Saturation (measured) added - #114 on page 16.
- Candida auris - Compatible with culture and molecular methods - #393 on page 89.
- CSF & Body Fluid Chemistry - Lactate added - #177 on page 32.
- Glycohemoglobin - whole blood - 5 samples - #195 on page 23.
- Hepatitis Be Ag & Ab - #449* on page 110.
- Joint/Wound Infection Panel - *Acinetobacter baumannii*, *Klebsiella oxytoca*, and *Staphylococcus epidermidis* added - #390 on page 101.
- SARS-CoV-2 Antigen - 5 samples - CLIA regulated - #387 on page 98.
- SARS-CoV-2 (molecular) - 5 samples - CLIA regulated - #394 on page 98.
- STI Panel - For use with molecular multiplex methods - #392 on page 102.

*Contains some analytes that are not yet CAP accepted.

Update to SARS Products

In 2024, API will send PT scores for non-waived SARS antigen and molecular testing to CMS and other regulatory bodies. Laboratories who are performing non-waived testing and have no other regulated virology program will need to enroll in a 5-sample program to maintain compliance. See “SARS-CoV-2 Regulatory Status Update” our website for more details.

If you have any questions or need assistance with ordering, please email CustomerService@api-pt.com or call us at 800-333-0958. Visit our website, api-pt.com, to view our catalog and full shipping and reporting schedule.

CHEMISTRY

CHEMISTRY - CORE	1st Event	2nd Event	3rd Event
Ship Dates	January 8	May 13	August 19
Replacement Deadline	January 16	May 21	August 27
PT Results Due Date	January 31	June 5	September 11
Verification Due Date	February 14	June 19	September 25
Evaluations Available Online	February 20	June 25	October 1

CHEMISTRY - MISCELLANEOUS	1st Event	2nd Event
Ship Dates	April 15	October 7
Replacement Deadline	April 23	October 15
PT Results Due Date	May 8	October 30
Verification Due Date	May 15	November 6
Evaluations Available Online	May 28	November 19



Alcohol

Program Description

2 mL serum - For quantitative Alcohol, Ethylene Glycol, Isopropanol, Methanol, and qualitative Acetone (ketone) testing. For quantitative Beta-hydroxybutyrate testing, see #174 - B-Ketone on page 13.

Program Information

137 Alcohol ✓
A37 Alcohol - Verification Program

Analytes

Acetone
Alcohol

Ethylene Glycol
▶ Isopropanol

▶ Methanol

▶ Analyte is not CAP accepted. ✓ Program is included in our A2LA scope of accreditation. See A2LA link on our website for analyte exceptions.

Format

5 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

Ammonia

Program Description

2 mL serum

Program Information

138 Ammonia ✓
A38 Ammonia - Verification Program

Analytes

Ammonia

✓ Program is included in our A2LA scope of accreditation.

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Amniotic Fluid pH

Program Description

0.5 mL simulated amniotic fluid - For Nitrazine methods.

Program Information

166 Amniotic Fluid pH ✓

Analytes

pH (interpretation)

pH (nitrazine)

✓ Program is included in our A2LA scope of accreditation.

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

Anti-epileptic Drugs

Program Description

4 mL lyophilized serum

Program Information

190 Anti-epileptic Drugs

Analytes

Gabapentin

Levetiracetam

Oxcarbazepine

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

Anti-Müllerian Hormone

Program Description

2 mL liquid

Program Information

155 Anti-Müllerian Hormone

Analytes

▶ AMH

▶ Analyte is not CAP accepted.

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

Apolipoproteins

Program Description

1 mL serum

Program Information

130 Apolipoproteins

Analytes

Apolipoprotein A1

Apolipoprotein B

Lipoprotein (a)

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

B-Ketone

Program Description

1 mL liquid - For quantitative Beta-hydroxybutyrate testing performed on chemistry analyzers or whole blood glucometers. For qualitative testing using Bayer Acetest, see #137 - Alcohol on page 11.

Program Information

174 B-Ketone ✓

Analytes

Beta-hydroxybutyrate

✓ Program is included in our A2LA scope of accreditation.

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Blood Gas

Program Description

3 mL ampule - For i-STAT see #145 - i-STAT Chemistry on page 24. For competency, see Q11 - Blood Gas - Competency on page 129.

Program Information

111 Blood Gas ✓
187 Additional Blood Gas Ampules
A11 Blood Gas - Verification Program

Analytes

pCO₂

pH

pO₂

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

Blood Gas Plus

Program Description

3 mL ampule - For combination blood gas/electrolyte analyzers with or without hematocrit option. For i-STAT see #145 - i-STAT Chemistry on page 24. For competency, see Q11 - Blood Gas - Competency on page 129.

Program Information

112 Blood Gas Plus ✓
187 Additional Blood Gas Ampules
A12 Blood Gas Plus - Verification Program

Analytes

BUN

Calcium, ionized

Chloride

Creatinine

Glucose

▶ Analyte is not CAP accepted.

Hematocrit

Hemoglobin, calculated

Lactate

▶ Magnesium, ionized

pCO₂

✓ Program is included in our A2LA scope of accreditation.

pH

pO₂

Potassium

Sodium

tCO₂

Format

5 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

Blood Lead - 5

Program Description

6 mL hemolysate - Designed for LeadCare I, Plus, and Ultra.

Program Information

172 Blood Lead - 5 samples ✓

Analytes

Lead

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

Blood Lead - 2

Program Description

6 mL hemolysate - Designed for the LeadCare II.

Program Information

173 Blood Lead - 2 samples ✓

Analytes

Lead

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Blood Oximetry

ENHANCED

Program Description

2 mL ampule - Hemoglobin source is bovine.

Program Information

114 Blood Oximetry ✓
A14 Blood Oximetry - Verification Program

Analytes

O2 Saturation (measured) ^{NEW}

Carboxyhemoglobin

Hematocrit, calculated

Hemoglobin, total

Methemoglobin

Oxyhemoglobin

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19



Cardiac Markers - 5

Program Description

1.5 mL liquid - CAP accredited labs must test five samples for all Cardiac Markers except D-dimer, Myoglobin, and waived BNP.

Program Information

140 Cardiac Markers - 5 samples ✓
 165 Additional Sample Volume
 A40 Cardiac Markers - Verification Program - 5 samples

Analytes

BNP	Myoglobin	Troponin T (▶ qualitative)
CK, total	NT pro-BNP	Troponin T (high-sensitivity)
CK-MB	Troponin I	
D-dimer (quant)	Troponin I (high-sensitivity)	
▶ Analyte is not CAP accepted.	✓ Program is included in our A2LA scope of accreditation.	

Format

5 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

Cardiac Markers - 2

Program Description

1.5 mL liquid - Please note: CAP accredited labs must test five samples for all Cardiac Markers except D-dimer, Myoglobin, and waived BNP, see #140 - Cardiac Markers - 5.

Program Information

920 Cardiac Markers - 2 samples ✓
 J20 Cardiac Markers - Verification Program - 2 samples

Analytes

BNP (▶ non-waived)	▶ NT pro-BNP	▶ Troponin T
D-dimer (quant)	▶ Troponin I	▶ Troponin T (high-sensitivity)
Myoglobin	▶ Troponin I (high-sensitivity)	
▶ Analyte is not CAP accepted.	✓ Program is included in our A2LA scope of accreditation.	

Format

2 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Basic Chemistry

Program Description

5 mL serum - Cholestech users see #176/976 - Lipid Plus on page 26. For quantitative HCG, see #409 - Serum HCG on page 29.

Program Information

121 Basic Chemistry ✓
141 Additional Sample Volume
A21 Basic Chemistry - Verification Program

Analytes

ALT (SGPT)

AST (SGOT)

Bilirubin, direct

Bilirubin, total

Calcium

Chloride

Cholesterol

CO₂

Creatinine

Glucose

HDL Cholesterol

LDL, calculated and measured

Potassium

Sodium

Triglycerides

Urea Nitrogen (BUN)

Uric Acid

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

Chemistry - Endocrinology

Program Description

5 mL serum - OCD Vitros labs performing thyroid tests, see #175 - Thyroid - Special on page 30. For quantitative HCG, see #409 - Serum HCG on page 29.

Program Information

125 Chemistry - Endocrinology ✓

Analytes

Alpha-fetoprotein

Cortisol

Free T3

Free T4

T Uptake

Thyroxine (T4)

Triiodothyronine (T3)

TSH

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

Comprehensive Chemistry

Program Description

5 mL serum - OCD Vitros labs performing thyroid tests, see #175 - Thyroid - Special on page 30. Cholestech users see #176/976 - Lipid Plus on page 26. For quantitative HCG, see #409 - Serum HCG on page 29.

Program Information

122	Comprehensive Chemistry ✓
141	Additional Sample Volume
A22	Comprehensive Chemistry - Verification Program

Analytes

Albumin

Alkaline Phosphatase

Alpha-fetoprotein

ALT (SGPT)

Amylase

AST (SGOT)

Bilirubin, direct

Bilirubin, total

Calcium

Calcium, ionized

Chloride

Cholesterol

► Cholinesterase

CO₂

Cortisol

► Analyte is not CAP accepted.

Creatine Kinase (CK)

Creatinine

Free T3

Free T4

GGT

Glucose

HDL Cholesterol

Iron

Lactic Acid

LDH

LDL, calc. and measured

Lipase

Magnesium

Osmolality

Phosphorus

✓ Program is included in our A2LA scope of accreditation. See A2LA link on our website for analyte exceptions.

Potassium

Sodium

T Uptake

Thyroxine (T4)

TIBC (iron based calculation)

TIBC, measured

Total Protein

Triglycerides

Triiodothyronine (T3)

TSH

UIBC, measured

Urea Nitrogen (BUN)

Uric Acid

Format

5 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Chemistry - waived

Program Description

5 mL serum - For waived methods. Cholestech users see #976 - Lipid Plus - 2 samples on page 26.

Program Information

144 Chemistry - waived ✓
A44 Chemistry - waived - Verification Program

Analytes

Albumin	Cholesterol	Phosphorus
Alkaline Phosphatase	CO ₂	Potassium
ALT (SGPT)	Creatine Kinase (CK)	Sodium
Amylase	Creatinine	Total Protein
AST (SGOT)	GGT	Triglycerides
Bilirubin, total & direct	Glucose	Urea Nitrogen (BUN)
Calcium	HDL Cholesterol	Uric Acid
Chloride	LDL, calc. and measured	

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

Cystatin C

Program Description

1 mL liquid

Program Information

170 Cystatin C

Analytes

Cystatin C

Format

2 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

Fetal Fibronectin

Program Description

1 mL liquid

Program Information

142 Fetal Fibronectin ✓

Analytes

Fetal Fibronectin

✓ Program is included in our A2LA scope of accreditation.

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

Fetal ROM

Program Description

1 mL simulated amniotic fluid for ROM methods. Compatible with Actim Prom, AmniSure ROM, and Clinical Innovations ROM Plus.

Program Information

131 Fetal ROM ✓

Analytes

Fetal Membranes Rupture Test

✓ Program is included in our A2LA scope of accreditation.

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Fructosamine

Program Description

1 mL serum

Program Information

135 Fructosamine

Analytes

Fructosamine

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

Glycohemoglobin

Program Description

0.7 mL hemolysate - CAP accredited labs using a non-waived method must test five samples for glycohemoglobin. For Afinion see #134 & #195 - Glycohemoglobin - whole blood - on page 23.

Program Information

- 126 Glycohemoglobin - 5 samples ✓
- 179 Glycohemoglobin - Additional Sample Volume - 5 samples
- 127 Glycohemoglobin - 2 samples ✓
- 167 Glycohemoglobin - Additional Sample Volume - 2 samples
- A27 Glycohemoglobin - Verification Program - 2 samples

Analytes

Glycohemoglobin (as HbA1c)

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

Glycohemoglobin - whole blood**ENHANCED****Program Description**

0.5 mL liquid - For laboratories using Afinion analyzers for HbA1c testing.

Program Information

- 195 Glycohemoglobin - whole blood - 5 samples ^{NEW}
- 134 Glycohemoglobin - whole blood - 2 samples ✓

Analytes

Glycohemoglobin (as HbA1c)

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

HemoCue**Program Description**

1 mL hemolysate - For HemoCue 201 Series, HemoCue 301 analyzers, and HemoCue 801.

Program Information

- 128 HemoCue - 5 samples ✓
- 928 HemoCue - 2 samples ✓
- J28 HemoCue - Verification Program - 2 samples

Analytes

Glucose Hemoglobin

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

i-STAT Chemistry - 5

Program Description

3 mL ampule - For ACT testing see #215 - i-STAT ACT on page 59. For BNP, CK-MB, & Troponin I, see #140/920 - Cardiac Markers programs on page 17. For quantitative hCG see #409 - Serum HCG on page 29. For competency, see Q12 - i-STAT Chemistry - Competency on page 132.

Program Information

145 i-STAT Chemistry - 5 samples ✓
188 Additional i-STAT Chemistry Ampules
A45 i-STAT Chemistry - Verification Program - 5 samples

Analytes

Calcium, ionized

Chloride

Creatinine

Glucose

Hematocrit

Hemoglobin

Lactate

pCO₂

pH

pO₂

Potassium

Sodium

tCO₂

Urea Nitrogen (BUN)

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

i-STAT Chemistry - 2

Program Description

3 mL ampule - For i-STAT analyzers for waived testing or non-scored analytes. For competency, see Q12 - i-STAT Chemistry - Competency on page 132.

Program Information

945 i-STAT Chemistry - 2 samples ✓
J45 i-STAT Chemistry - Verification Program - 2 samples

Analytes

Calcium, ionized

Chloride

Creatinine

Glucose

Hematocrit

Hemoglobin

Lactate

Potassium

Sodium

tCO₂

Urea Nitrogen (BUN)

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

Immunoassay

Program Description

5 mL serum

Program Information

- 180 Immunoassay - 5 samples ✓
- 133 Immunoassay - 2 samples ✓
- A33 Immunoassay - Verification Program - 2 samples

Analytes

11-Deoxycortisol	Folate	Prolactin
▶ 17-OH-Progesterone	FSH	PSA, total
▶ Androstenedione	Growth Hormone	Testosterone
CEA	Homocysteine	TIBC (transferrin based calc)
DHEA-S	LH	Transferrin
Estradiol	▶ PAP	Vitamin B12
▶ Estriol	Prealbumin	
Ferritin	Progesterone	
▶ Analyte is not CAP accepted.	✓ Program is included in our A2LA scope of accreditation. See A2LA link on our website for analyte exceptions.	

Format

3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

Immunoassay - Special

Program Description

2 mL lyophilized serum

Program Information

- 182 Immunoassay - Special - 5 samples ✓
- 160 Immunoassay - Special - 2 samples ✓
- A60 Immunoassay - Special - Verification Program - 2 samples

Analytes

1-25-(OH) ₂ Vitamin D (D3)	▶ Calcitonin	Osteocalcin
25-OH Vitamin D	▶ Gastrin	PTH
▶ ACTH	▶ IGF-1	▶ Renin Activity
C-peptide	Insulin	▶ Renin (Direct Concentration)
▶ Analyte is not CAP accepted.	✓ Program is included in our A2LA scope of accreditation. See A2LA link on our website for analyte exceptions.	

Format

3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Neonatal Bilirubin

Program Description

1 mL serum - Bilirubin levels targeted to be representative for those seen in newborns. #129 is not scored for CMS.

Program Information

- 147 Neonatal Bilirubin - 5 samples ✓
- 129 Neonatal Bilirubin - 2 samples ✓
- A29 Neonatal Bilirubin - Verification Program - 2 samples

Analytes

Bilirubin, direct

Bilirubin, total

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

POC Glucose A

Program Description

1 mL liquid - For waived blood glucose meters. Per CMS, only one set of proficiency results may be reported. Facilities using more than one meter should also enroll in X23, A23, X18, or J18. True Metrix and True Metrix Pro users see #979 - POC Glucose B on page 28.

Program Information

- 123 POC Glucose A - 5 samples ✓
- 192 Additional Volume POC Glucose A - 5 samples
- X23 Extra results POC Glucose A - Verification Program - report results for up to 20 additional meters using #123 samples
- A23 POC Glucose A - Verification Program - report up to 20 results - 5 samples
- 918 POC Glucose A - 3 samples ✓
- 992 Additional Volume POC Glucose A - 3 samples
- X18 Extra results POC Glucose A - Verification Program - report results for up to 20 additional meters using #918 samples
- J18 POC Glucose A - Verification Program - report up to 20 results - 3 samples

Analytes

Glucose

✓ Program is included in our A2LA scope of accreditation.

Format

2 shipments

Shipping Dates

Apr. 15, Oct. 7

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

POC Glucose B

Program Description

2 mL liquid - For True Metrix and True Metrix Pro glucose meters. Per CMS, only one set of proficiency results may be reported. Facilities using more than one meter should also enroll in X79 or J79.

Program Information

- 979 POC Glucose B - 3 samples
- X79 Extra results POC Glucose B - Verification Program - report results for up to 20 additional meters using #979 samples
- J79 POC Glucose B - Verification Program - report up to 20 results - 3 samples

Analytes

Glucose

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

Procalcitonin

Program Description

2 mL lyophilized samples

Program Information

- 169 Procalcitonin ✓

Analytes

Procalcitonin

✓ Program is included in our A2LA scope of accreditation.

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Psychoactive Drugs

Program Description

5 mL lyophilized serum

Program Information

191 Psychoactive Drugs

Analytes

▶ Amitriptyline

▶ Nortriptyline

▶ Analyte is not CAP accepted.

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

Serum HCG

Program Description

1 mL serum - For quantitative and qualitative serum HCG methods. Due to CLIA regulations, to report results for both quantitative and qualitative serum HCG, order #409 and #D09.

Program Information

409 Serum HCG ✓

D09 Serum HCG - Verification Program

Analytes

HCG

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

SHBG and Testosterone

Program Description

2 mL lyophilized samples

Program Information

171 SHBG and Testosterone ✓

Analytes

Sex Hormone Binding Globulin

Testosterone, free

Testosterone, total

Testosterone, bioavailable

✓ Program is included in our A2LA scope of accreditation.

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

Therapeutic Drugs

Program Description

5 mL serum - For Anti-epileptic Drugs, Immunosuppressive Drugs, and Psychoactive Drugs, see #189, #190, #191, on pages 12, 26, and 29.

Program Information

- 132 Therapeutic Drugs ✓
- 136 Therapeutic Drugs - add on option to #121 or 122 ✓
- A36 Therapeutic Drugs - Verification Program

Analytes

Acetaminophen
Amikacin
▶ Caffeine
Carbamazepine
Digoxin
Gentamicin

▶ Lidocaine
Lithium
▶ Methotrexate
Phenobarbital
Phenytoin
Salicylates

Theophylline
Tobramycin
Valproic Acid
Vancomycin

▶ Analyte is not CAP accepted.

✓ Program is included in our A2LA scope of accreditation. See A2LA link on our website for analyte exceptions.

Format

5 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

Thyroid - Special

Program Description

0.75 mL serum - Designed for the OCD Vitros analyzers.

Program Information

- 175 Thyroid - Special ✓

Analytes

Free T3
Free T4

T Uptake
Thyroxine (T4)

Triiodothyronine (T3)
TSH

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Tumor Markers

Program Description

2 mL serum

Program Information

183 Tumor Markers - 5 samples ✓

150 Tumor Markers - 2 samples ✓

Analytes

Beta-2 Microglobulin

CA 27.29

PSA, total

CA 125

CEA

PSA (free/total ratio)

CA 15-3

▶ PSA, complexed

Thyroglobulin

CA 19-9

PSA, free

▶ Analyte is not CAP accepted.

✓ Program is included in our A2LA scope of accreditation. See A2LA link on our website for analyte exceptions.

Format

3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19



URINE CHEMISTRY AND BODY FLUID ANALYSIS

Acute Kidney Injury Risk Assessment

Program Description

1.5 mL lyophilized simulated urine - For use with the NEPHROCHECK test system.

Program Information

186 Acute Kidney Injury Risk Assessment

Analytes

AKI Risk Score (IGFBP-7 * TIMP-2)

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

CSF & Body Fluid Chemistry

ENHANCED

Program Description

2 mL simulated cerebrospinal fluid - 3 samples; 3 mL simulated body fluid - 3 samples. For manual cell count and body fluid crystals see #277 - Cell Count & Body Fluid Crystals on page 46.

Program Information

177 CSF & Body Fluid Chemistry ✓

Analytes - CSF Chemistry

▶ Albumin
Chloride
Glucose

▶ IgG
Lactic Acid
LDH

Sodium
Total Protein

Analytes - Body Fluid Chemistry

Albumin
Alkaline Phosphatase
Amylase
Bilirubin, total
Calcium
Chloride
Cholesterol

Creatinine
Glucose
Lactate ^{NEW}
LDH
Lipase
pH
Potassium

Sodium
Total Protein
Triglycerides
Urea Nitrogen
Uric Acid

▶ Analyte is not CAP accepted.

✓ Program is included in our A2LA scope of accreditation.

Format

6 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

Ethyl Glucuronide

Program Description

5 mL urine - For qualitative testing.

Program Information

148 Ethyl Glucuronide ✓

Analytes

Ethyl glucuronide (EtG)

✓ Program is included in our A2LA scope of accreditation.

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

Microalbumin

Program Description

3 mL urine - For semi-quantitative dipstick or quantitative analysis. Recommended for Afinion users. If your lab is also performing other urine chemistry tests, see #143 - Urine Chemistry on page 35.

Program Information

236 Microalbumin ✓

Analytes

Microalbumin

Urine Creatinine

✓ Program is included in our A2LA scope of accreditation.

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Sweat Analysis

Program Description

3 mL liquid - For sweat analysis.

Program Information

163 Sweat Analysis

Analytes

- ▶ Chloride (qualitative)
- ▶ Chloride (quantitative)
- ▶ Analyte is not CAP accepted.
- ▶ Conductivity
- ▶ Osmolality
- ▶ Sodium

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

Urea Breath Test

Program Description

2 paired sets of air filled sample bags - For the detection of urease associated with H. pylori from breath samples. For use with the Meridian Breath ID platform.

Program Information

193 Urea Breath Test

Analytes

Urease

Format

2 paired samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

Urine Adulteration Test

Program Description

10 mL urine - Qualitative or quantitative tests for urine adulteration. For Urine Drug Screen see #139 on page 35.

Program Information

146 Urine Adulteration Test ✓

Analytes

Creatinine
Nitrite

Oxidants
pH

Specific Gravity

✓ Program is included in our A2LA scope of accreditation.

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

Urine Chemistry

Program Description

10 mL urine - For quantitative analysis. If your lab is performing only microalbumin and/or creatinine, or for the Afnioin microalbumin, see #236 - Microalbumin on page 33.

Program Information

143 Urine Chemistry ✓

Analytes

Amylase	Microalbumin	Total Nitrogen
Calcium	Microalbumin/Creatinine Ratio	Total Protein
Chloride	Osmolality	Urea Nitrogen
Creatinine	Phosphorus	Uric Acid
Glucose	Potassium	
Magnesium	Sodium	

✓ Program is included in our A2LA scope of accreditation. See A2LA link on our website for analyte exceptions.

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

Urine Drug Screen

Program Description

10 mL urine - Qualitative or quantitative tests for urine drug screen.

Program Information

139 Urine Drug Screen ✓_(qual)
 A39 Urine Drug Screen - Verification Programs

Analytes

6-Acetylmorphine	Cocaine Metabolites	Methamphetamines
Acetaminophen	Cotinine	Methaqualone
Alcohol	EDDP	Opiates
Amphetamines	Fentanyl	Oxycodone
Barbiturates	Hydrocodone	Phencyclidine
Benzodiazepines	LSD	Propoxyphene
Buprenorphine	MDMA	Tramadol
Cannabinoids	Meperidine	Tricyclic Antidepressants
Carisoprodol	Methadone	Zolpidem

✓ Only qualitative testing is included in our A2LA scope of accreditation.

Format

3 samples x 2 shipments

Shipping Dates

Apr. 15, Oct. 7

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

HEMATOLOGY

HEMATOLOGY	1st Event	2nd Event	3rd Event
Ship Dates	March 4	July 8	October 28
Replacement Deadline	March 12	July 16	November 5
PT Results Due Date	March 27	July 31	November 20
Verification Due Date	April 3	August 7	November 27
Evaluations Available Online	April 16	August 20	December 10



INSTRUMENT LIST

BODY FLUID CELL COUNT METHODS	
Instrument/Method	Program
Abbott Cell-Dyn (all models)	206 - Body Fluid Cell Count - C
Coulter (all models)	206 - Body Fluid Cell Count - C
Iris DxU series	207 - Body Fluid Cell Count - I
Iris iQ® 200	207 - Body Fluid Cell Count - I
Siemens Advia 120/2120	206 - Body Fluid Cell Count - C
Sysmex (all models)	206 - Body Fluid Cell Count - C
Manual Count	277 - Cell Count & Body Fluid Crystals

HEMATOLOGY ANALYZERS & PROGRAMS	
Instrument/Method	Program
Abbott Cell-Dyn (1600 - 1800)	221 - Hematology - 3
Abbott Cell-Dyn (3200, 3500, 3700)	242 - Hematology - 5D
Abbott Cell-Dyn Emerald	221 - Hematology - 3
Abbott Cell-Dyn Emerald 22, AL	242 - Hematology - 5D
Abbott Cell-Dyn Ruby, Sapphire	242 - Hematology - 5D
CDS Medonic CA	221 - Hematology - 3
CDS Medonic M-Series	227 - Hematology - 3S
Coulter AcT-5	231 - Hematology - 5A
Coulter Ac-T (all 3-part differential models)	221 - Hematology - 3
CoulCoulter HmX	230 - Hematology - 5C
Coulter LH500	230 - Hematology - 5C
Coulter LH 750, 755, 780, 785	230 - Hematology - 5C
Coulter Micro Diff (all models)	221 - Hematology - 3
Coulter UniCel DxH 500, 520, 560	279 - Hematology - 5H
Coulter UniCel DxH 600, 690T, 800, 900	230 - Hematology - 5C
Diatron Abacus 3CP	221 - Hematology - 3
Diatron Abacus 5	242 - Hematology - 5D
Drew (Danam) Excell 16	221 - Hematology - 3
Drew D3, Evolution	221 - Hematology - 3
HemoCue - for WBC only (all models)	209 - HemoCue White Blood Cell Count
Horiba ABX Micros (all models)	221 - Hematology - 3
Horiba ABX Minos	221 - Hematology - 3
Horiba ABX Pentra (all models)	231 - Hematology - 5A
Mindray BC-3200, 3600	221 - Hematology - 3
Pixcell HemoScreen	292 - Hematology - 5P
Siemens Advia 120, 2120	240 - Hematology - 5B
Siemens Advia 60, 360	221 - Hematology - 3
Siemens Advia 560	242 - Hematology - 5D
Sight OLO	290 - Hematology - 5O
Sysmex KX Series, pochH-100i, XP-100, & XP-300	227 - Hematology - 3S
Sysmex XE, XN, XN-L, XS, XT (all models)	238 - Hematology - 5S
Yumizen H500, H550, H1500, H2500	238 - Hematology - 5S

SEDIMENTATION RATE METHODS & PROGRAMS	
Instrument/Method	Program
Alaris ALS-20	228 - Sedimentation Rate - A
Alcor i-Sed	203 - Sedimentation Rate - D
Alcor miniiSed	203 - Sedimentation Rate - D
Alifax ESR	280 - Sedimentation Rate - E
Chase Westergren 830 SO	228 - Sedimentation Rate - A
Diesse Mini-Cube, Cube 30	228 - Sedimentation Rate - A
Dispette, Dispette 2	228 - Sedimentation Rate - A
Globe Scientific (all methods)	228 - Sedimentation Rate - A
HemaTech ESR STAT PLUS, STAT 6	202 - Sedimentation Rate - C
MiniVes	228 - Sedimentation Rate - A
Polymedco Sedimat 15, 15 Plus	201 - Sedimentation Rate - B
Polymedco Sedimat/Sediplast	228 - Sedimentation Rate - A
Sedifast, Sediplast, Sediten, Seditube	228 - Sedimentation Rate - A
Streck/Analys ESR, Auto ESR Plus (all methods)	228 - Sedimentation Rate - A
Ves Matic (all models)	228 - Sedimentation Rate - A
Vital Diagnostic Excyte (all models)	228 - Sedimentation Rate - A
Winpette	228 - Sedimentation Rate - A



3-PART DIFFERENTIAL PROGRAMS

Hematology - 3

Program Description

2 mL simulated whole blood - For automated techniques, including 2 and 3-part differentials or manual techniques for hematocrit, WBC (ammonium oxalate only), and platelet count.

Program Information

221 Hematology - 3 ✓
B21 Hematology - 3 - Verification Program

Analytes

Automated Differential	MCHC	RBC
Hematocrit	MCV	RDW
Hemoglobin	MPV	WBC
MCH	Platelet Count	

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Hematology - 3S

Program Description

2 mL simulated whole blood - For the CDS Medonic M-Series, Sysmex KX Series, pocH-100i, and XP-300.

Program Information

227 Hematology - 3 ✓
B27 Hematology - 3S - Verification Program

Analytes

Automated Differential	MCHC	RBC
Hematocrit	MCV	RDW-CV
Hemoglobin	MPV	RDW-SD
MCH	Platelet Count	WBC

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

5-PART DIFFERENTIAL PROGRAMS

Hematology - 5A

Program Description

2.5 mL simulated whole blood - For the Horiba Medical Pentra 60, 60+, 80, 120 and the Coulter AcT 5-Diff.

Program Information

231 Hematology - 5A ✓
B31 Hematology - 5A - Verification Program

Analytes

Automated Differential	MCHC	RBC
Hematocrit	MCV	RDW
Hemoglobin	MPV	WBC
MCH	Platelet Count	

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

HEMATOLOGY

Hematology - 5B

Program Description

4 mL simulated whole blood - For the Siemens Advia 120, 2120, and 2120i.

Program Information

240 Hematology - 5B ✓

Analytes

Automated Differential	MCHC	RBC
Hematocrit	MCV	RDW
Hemoglobin	MPV	WBC
MCH	Platelet Count	

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Hematology - 5C

Program Description

2 mL simulated whole blood - For the Coulter UniCel DxH600, DxH800, DxH900, and LH750, LH755, LH780, LH785.

Program Information

230 Hematology - 5C ✓
B30 Hematology - 5C - Verification Program

Analytes

Automated Differential	MCHC	RBC
Hematocrit	MCV	RDW-CV
Hemoglobin	MPV	RDW-SD
IRF	nRBC	Reticulocyte Count
MCH	Platelet Count	WBC

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Hematology - 5D

Program Description

3 mL simulated whole blood - For the Abbott Cell-Dyn 3000-3700, 4000, Ruby, Sapphire, and the Diatron Abacus 5.

Program Information

242 Hematology - 5D ✓
B42 Hematology - 5D - Verification Program

Analytes

Automated Differential	MCHC	RBC
Hematocrit	MCV	RDW
Hemoglobin	MPV	Reticulocyte Count
IRF	nRBC	WBC
MCH	Platelet Count	

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Hematology - 5H

Program Description

2.5 mL simulated whole blood - For the Coulter DxH500 and DxH520.

Program Information

279 Hematology - 5H ✓
B79 Hematology - 5H - Verification Program

Analytes

Automated Differential	MCHC	RBC
Hematocrit	MCV	RDW-CV
Hemoglobin	MPV	RDW-SD
MCH	Platelet Count	WBC

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Hematology - 5O

Program Description

3 mL simulated whole blood - For the Sight OLO instrument.

Program Information

290 Hematology - 5O

Analytes

Automated Differential	MCHC	RDW
Hematocrit	MCV	WBC
Hemoglobin	Platelet Count	
MCH	RBC	

Format

5 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Hematology - 5P

Program Description

3 mL simulated whole blood - For the PixCell HemoScreen instrument.

Program Information

292 Hematology - 5P

Analytes

Automated Differential	MCHC	RBC
Hematocrit	MCV	RDW
Hemoglobin	MPV	WBC
MCH	Platelet Count	

Format

5 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Hematology - 5S

Program Description

2 mL simulated whole blood - For all Sysmex XE, XN, XS, and XT and Yumizen H500, H550, H1500 and H2500 analyzers.

Program Information

238 Hematology - 5S ✓
B38 Hematology - 5S - Verification Program

Analytes

Automated Differential	MCHC	RDW-CV
Hematocrit	MCV	RDW-SD
Hemoglobin	MPV	RET-He
IG# and IG%	nRBC#	Reticulocyte Count
IPF	nRBC%	WBC
IRF	Platelet Count	
MCH	RBC	

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

BLOOD CELL IDENTIFICATION

For laboratories that perform both Blood Cell Identification and Automated Differentials:

CMS allows for the transmission of only one of these scores each test event. Results for both tests are graded and will appear on your evaluation, but only one score can be sent to CMS. If you would like your score for Blood Cell ID to be sent to CMS, enroll in #224 or #286. If you would like your score for auto differential to be sent to CMS, enroll in #225 or #291.

Blood Cell Identification

Program Description

Two Wright stained peripheral blood smears for blood cell identification. One case study will include 5 annotated cells/objects for identification and will be scored. The second case study is educational and will include 5 cells/objects for identification with a manual 100 WBC differential and platelet estimate. #224 and #225 are virtual programs and do not include printed photographs. To receive printed photographs, order #286 or #291. Please Note: Laboratories ordering only virtual programs must access paperwork and images online. For competency, see Q24 - Blood Cell Identification - Competency on page 129.

Program Information

- 224 Blood Cell ID (CMS Scored) (Virtual only) ✓
- 286 Blood Cell ID (CMS Scored) (#224 + Photos) ✓
- 225 Blood Cell ID (Not CMS Scored) (Virtual only) ✓
- 291 Blood Cell ID (Not CMS Scored) (#225 + Photos) ✓

Analytes

Blood Cell Identification	Educational Blood Cell ID	Manual Differential
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✓ Program is included in our A2LA scope of accreditation. See A2LA link on our website for analyte exceptions.

Format	Shipping Dates
10 photographs x 3 shipments	Mar. 4, Jul. 8, Oct. 28

Advanced Blood Cell ID (Virtual only)

Program Description

One virtual Wright stained peripheral blood smear for blood cell identification. The case study will include seven cells/objects chosen for ID and an educational commentary. This option is designed to offer case studies that are more challenging and complex. Not CMS scored or reported to CAP. Please Note: Laboratories ordering only virtual programs must access paperwork and images online.

Program Information

- 259 Advanced Blood Cell ID (Virtual only) ✓

Analytes

Blood Cell Identification

✓ Program is included in our A2LA scope of accreditation.

Format	Shipping Dates
7 photographs x 3 shipments	Mar. 4, Jul. 8, Oct. 28

MISCELLANEOUS HEMATOLOGY

Advanced Body Fluid Microscopy (Virtual only)

Program Description

One whole slide virtual image of body fluid from various sources. The case study will include five formed elements, cells, or crystals for identification with a manual WBC differential. Please Note: Laboratories ordering only virtual programs must access paperwork and images online.

Program Information

262 Advanced Body Fluid Microscopy (Virtual only)

Analytes

Identification of formed elements

Manual Differential

Format

5 photographs x 2 shipments

Shipping Dates

Mar. 4, Oct. 28

Body Fluid Cell Count - C

Program Description

3 mL liquid - For Abbott, Coulter, Sysmex and Advia analyzers. For manual cell counts see #277 - Cell Count & Body Fluid Crystals on page 46.

Program Information

206 Body Fluid Cell Count - C ✓

Analytes

Mononuclear cells

RBC

WBC

Polymorphonuclear cells

Total Nucleated Cells (TC-BF)

✓ Program is included in our A2LA scope of accreditation. See A2LA link on our website for analyte exceptions.

Format

1 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Body Fluid Cell Count - I

Program Description

4 mL liquid - For Iris DxU series and Iris IQ®. For manual cell counts see #277 - Cell Count & Body Fluid Crystals on page 46.

Program Information

207 Body Fluid Cell Count - I ✓

Analytes

Nucleated Cells RBC

✓ Program is included in our A2LA scope of accreditation.

Format

1 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Body Fluid Microscopy

Program Description

Three images for the identification of crystals and other formed elements/cells in various body fluids. This program includes 2 shipments per year. #168 is a virtual program and does not include printed photographs. To receive printed photographs, order #181. Please Note: Laboratories ordering only virtual programs must access paperwork and images online. For Body Fluid competency programs, see pages 128-135.

Program Information

168 Body Fluid Microscopy (Virtual only) ✓

181 Body Fluid Microscopy (#168 + Photos) ✓

Analytes

Identification of formed elements

✓ Program is included in our A2LA scope of accreditation.

Format

3 photographs x 2 shipments

Shipping Dates

Mar. 4, Oct. 28

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Cell Count & Body Fluid Crystals

Program Description

Manual Cell Count - 2 samples; Body Fluid Crystals - 2 samples. For CSF and Body Fluid Chemistry, see #177 - CSF & Body Fluid Chemistry on page 32.

Program Information

277 Cell Count & Body Fluid Crystals ✓

Analytes

Crystals WBC WBC Differential
RBC

✓ Program is included in our A2LA scope of accreditation.

Format

4 samples x 2 shipments

Shipping Dates

Mar. 4, Oct. 28

Fetal Hemoglobin

Program Description

1.2 mL simulated gastric fluid - For qualitative fetal hemoglobin. For Whole Blood Fetal Screen see #515 -Fetal RBC on page 127.

Program Information

210 Fetal Hemoglobin ✓

Analytes

Fetal Hemoglobin (gastric fluid)

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 2 shipments

Shipping Dates

Mar. 4, Oct. 28

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Flow Cytometry

Program Description

2.5 mL simulated whole blood - For lymphocyte phenotyping.

Program Information

229 Flow Cytometry ✓

Analytes

- ▶ CD3 (T Cells)
 - ▶ CD4 (T Helper)
 - ▶ CD8 (T Cytotoxic)
 - ▶ CD19 (B Cells)
 - ▶ CD45 (Leukocytes)
 - ▶ CD56 / CD16+56 (NK Cells)
- ▶ Analyte is not CAP accepted. ✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

HemoCue White Blood Cell Count

Program Description

2 mL simulated whole blood - For HemoCue WBC System.

Program Information

209 HemoCue White Blood Cell Count ✓

Analytes

WBC

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Reticulocyte Count

Program Description

1 mL simulated whole blood - For manual (new methylene blue stain only) and automated reticulocyte techniques.

Program Information

223 Reticulocyte Count ✓

Analytes

Reticulocyte Count

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Sedimentation Rate - A

Program Description

5 mL simulated whole blood - For manual methods and most automated methods.

Program Information

228 Sedimentation Rate - A ✓

Analytes

Sedimentation Rate

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Sedimentation Rate - B

Program Description

6 mL simulated whole blood - For Polymedco Sedimat 15, 15 Plus.

Program Information

201 Sedimentation Rate - B ✓

Analytes

Sedimentation Rate

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Sedimentation Rate - C

Program Description

6 mL simulated whole blood - For HemaTechnologies ESR STAT Plus and ESR STAT 6.

Program Information

202 Sedimentation Rate - C ✓

Analytes

Sedimentation Rate

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Sedimentation Rate - D

Program Description

4 mL simulated whole blood - For the Alcor i-SED and Alcor miniSED.

Program Information

203 Sedimentation Rate - D ✓

Analytes

Sedimentation Rate

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Sedimentation Rate - E

Program Description

3 mL simulated whole blood - For Alifax ESR analyzers.

Program Information

280 Sedimentation Rate - E

Analytes

Sedimentation Rate

Format

3 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Sickle Cell Screen

Program Description

2.5 mL simulated whole blood - For screening kits and electrophoresis screening methods.

Program Information

237 Sickle Cell Screen ✓

Analytes

Sickle Cell Screen

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

ANDROLOGY

ANDROLOGY	1st Event	3rd Event
Ship Dates	March 4	October 28
Replacement Deadline	March 12	November 5
PT Results Due Date	March 27	November 20
Verification Due Date	April 3	November 27
Evaluations Available Online	April 16	December 10



ANDROLOGY

Antisperm Antibody

Program Description

0.5 mL serum - Human serum for antisperm antibody.

Program Information

154 Antisperm Antibody ✓

Analytes

▶ Antisperm Antibody

▶ Analyte is not CAP accepted.

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 2 shipments

Shipping Dates

Mar. 4, Oct. 28

Automated Post-Vasectomy Sperm Analysis

Program Description

1.0 mL stabilized sperm - Designed for automated sperm analyzers.

Program Information

185 Automated Post-Vasectomy Sperm Analysis

Analytes

Sperm Count

Sperm, presence/absence

Format

2 samples x 2 shipments

Shipping Dates

Mar. 4, Oct. 28

Automated Sperm Count

Program Description

1.0 mL stabilized sperm - Designed for automated sperm analyzers.

Program Information

184 Automated Sperm Count

Analytes

▶ Sperm Count

▶ Analyte is not CAP accepted.

Format

2 samples x 2 shipments

Shipping Dates

Mar. 4, Oct. 28

Post-Vasectomy Motility (Virtual only)

Program Description

Web based video footage for the presence/absence of sperm and sperm motility. Please Note: Laboratories ordering only virtual programs must access paperwork and images online.

Program Information

194 Post-Vasectomy Motility (Virtual only)

Analytes

- ▶ Sperm, presence/absence Sperm Motility, presence/absence
- ▶ Analyte is not CAP accepted.

Format

2 samples x 2 shipments

Shipping Dates

Mar. 4, Oct. 28

Post-Vasectomy Sperm Analysis

Program Description

0.3 mL stabilized sperm - Designed for manual methods.

Program Information

162 Post-Vasectomy Sperm Analysis ✓

Analytes

- Sperm Count Sperm, presence/absence
- ✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 2 shipments

Shipping Dates

Mar. 4, Oct. 28

Sperm Count

Program Description

0.3 mL stabilized sperm - Designed for manual methods.

Program Information

151 Sperm Count ✓

Analytes

- Sperm Count
- ✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 2 shipments

Shipping Dates

Mar. 4, Oct. 28

Sperm Morphology

Program Description

1 unstained semen smear and 1 virtual image (online only) for specific sperm morphology.

Program Information

152 Sperm Morphology ✓

Analytes

Sperm Morphology

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 2 shipments

Shipping Dates

Mar. 4, Oct. 28

Sperm Motility (Virtual only)

Program Description

Web based video footage for sperm motility and progressive motility. Please Note: Laboratories ordering only virtual programs must access paperwork and images online.

Program Information

161 Sperm Motility (Virtual only) ✓

Analytes

Sperm Motility

Sperm Progressive Motility

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 2 shipments

Shipping Dates

Mar. 4, Oct. 28

Sperm Viability

Program Description

Glass slides - Eosin-Nigrosin stained smears.

Program Information

153 Sperm Viability ✓

Analytes

Sperm Viability

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 2 shipments

Shipping Dates

Mar. 4, Oct. 28

COAGULATION

COAGULATION	1st Event	2nd Event	3rd Event
Ship Dates	March 4	July 8	October 28
Replacement Deadline	March 12	July 16	November 5
PT Results Due Date	March 27	July 31	November 20
Verification Due Date	April 3	August 7	November 27
Evaluations Available Online	April 16	August 20	December 10



COAGULATION

Activated Clotting Time (Hemochron/Helena)

Program Description

3 mL lyophilized samples - For the Hemochron Response, 801, Helena Laboratories Actalyke, and Cascade POC.

Program Information

- 211 Activated Clotting Time - 5 samples
- 916 Activated Clotting Time - 2 samples
- J16 Activated Clotting Time - Verification Program - 2 samples

Analytes

Activated Clotting Time

Format

3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Activated Clotting Time (Medtronic)

Program Description

3 mL lyophilized samples - For the Medtronic ACT and HMS Plus.

Program Information

- 212 Activated Clotting Time - 5 samples
- 917 Activated Clotting Time - 2 samples
- J17 Activated Clotting Time - Verification Program - 2 samples

Analytes

Activated Clotting Time

Format

3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Coagulation

Program Description

1 mL lyophilized plasma - For plasma-based coagulation analyzers.

Program Information

217 Coagulation ✓
B17 Coagulation - Verification Program

Analytes

APTT	INR	Prothrombin Time
Fibrinogen		

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Coagulation, Supplemental

Program Description

1 mL lyophilized plasma

Program Information

281 Coagulation, Supplemental
282 Additional Sample Volume
283 Coagulation, Supplemental - add on to #217

Analytes

Antithrombin III Activity	Factor IX Activity	Protein C
Factor II Activity	Factor X Activity	Protein S
Factor V Activity	Factor XI Activity	Thrombin Time
Factor VII Activity	Factor XII Activity	von Willebrand Factor Activity
Factor VIII Activity	Plasminogen	von Willebrand Factor Antigen

Format

5 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

D-dimer/FDP - Qualitative

Program Description

0.5 mL liquid - For qualitative D-dimer and FDP methods.

Program Information

245 D-dimer/FDP - Qualitative ✓

Analytes

D-dimer Fibrin degradation products

✓ Program is included in our A2LA scope of accreditation. See A2LA link on our website for analyte exceptions.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

D-dimer - Quantitative

Program Description

0.5 mL plasma - For quantitative D-dimer methods.

Program Information

246 D-dimer - Quantitative ✓
B46 D-dimer - Quantitative - Verification Program

Analytes

D-dimer

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Hemochron Jr. ACT +

Program Description

0.7 mL lyophilized samples - For the Hemochron Jr., Signature, Signature +, Signature Elite, and IL Gem PCL. For use with ACT + Cuvette.

Program Information

248 Hemochron Jr. ACT +
B48 Hemochron Jr. ACT + - Verification Program

Analytes

Activated Clotting Time

Format

2 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Hemochron Jr. ACT - LR

Program Description

0.7 mL lyophilized samples - For the Hemochron Jr., Signature, Signature +, Signature Elite, and IL Gem PCL. For use with ACT-LR cuvette.

Program Information

247 Hemochron Jr. ACT - LR
B47 Hemochron Jr. ACT - LR - Verification Program

Analytes

Activated Clotting Time

Format

2 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Hemochron Jr. Citrate APTT

Program Description

0.7 mL lyophilized samples - For the Hemochron Jr. II, Signature, Signature +, Signature Elite. For use with Citrate cuvette.

Program Information

252 Hemochron Jr. Citrate APTT

Analytes

APTT

Format

5 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Hemochron Jr. Citrate PT

Program Description

0.7 mL lyophilized samples - For the Hemochron Jr. Signature, Signature +, Signature Elite, IL Gem PCL, and Gem PCL Plus. For use with Citrate cuvette.

Program Information

249 Hemochron Jr. Citrate PT

Analytes

INR

Prothrombin Time

Format

5 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Hemochron Jr. PT

Program Description

0.7 mL lyophilized samples - For the Hemochron Jr. Signature, Signature +, Signature Elite, IL Gem PCL, and Gem PCL Plus. For use with whole blood cuvette.

Program Information

250 Hemochron Jr. PT

Analytes

INR Prothrombin Time

Format

5 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Heparin Assay

Program Description

1.0 mL lyophilized plasma - For testing Low Molecular Weight Heparin (LMWH) and Unfractionated Heparin (UFH) levels. Not CMS scored or reported to CAP.

Program Information

278 Heparin Assay ✓

Analytes

Anti-Xa INR Thrombin Time
APTT Prothrombin Time

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

i-STAT ACT

Program Description

1 mL lyophilized samples - For the i-STAT analyzer.

Program Information

215 i-STAT ACT ✓
B15 i-STAT ACT - Verification Program

Analytes

Activated Clotting Time

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Platelet Function - Aspirin Test

Program Description

Pellet - For aspirin-induced inhibition. Designed for use with the Accumetrics VerifyNow System.

Program Information

255 Platelet Function - Aspirin Test ✓

Analytes

Aspirin induced inhibition

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Platelet Function - PRU Test

Program Description

Pellet - For P2Y12 inhibition (Plavix® and Effient®). Designed for use with Accumetrics VerifyNow System.

Program Information

256 Platelet Function - PRU Test ✓

Analytes

P2Y12 inhibition

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

POC Coagulation A

Program Description

Lyophilized plasma - Point of Care coagulation for CoaguChek XS (INR only), XS Plus, and XS Pro. #914 is not CMS scored or reported to CAP.

Program Information

- 214 POC Coagulation A - 5 samples ✓
- 914 POC Coagulation A - 2 samples ✓
- B14 POC Coagulation A - Verification Program - 5 samples
- J14 POC Coagulation A - Verification Program - 2 samples

Analytes

INR

Prothrombin Time

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

POC Coagulation B

Program Description

1 mL lyophilized samples - Point of Care coagulation for i-STAT PCA, i-STAT I, and Coag-Sense (CoaguSense).

Program Information

216 POC Coagulation B ✓
B16 POC Coagulation B - Verification Program

Analytes

INR **Prothrombin Time**

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Thromboelastogram

Program Description

1 mL lyophilized samples - For the Haemonetics TEG 5000, TEG 6s, and ROTEM delta analyzers.

Program Information

244 Thromboelastogram ✓

Analytes

Thromboelastometry

✓ Program is included in our A2LA scope of accreditation.

Format

3 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

URINALYSIS, MICROSCOPY, & MISCELLANEOUS TESTS

URINALYSIS, MICROSCOPY - MISC	1st Event	2nd Event	3rd Event
Ship Dates	March 4	July 8	October 28
Replacement Deadline	March 12	July 16	November 5
PT Results Due Date	March 27	July 31	November 20
Verification Due Date	April 3	August 7	November 27
Evaluations Available Online	April 16	August 20	December 10



URINALYSIS, MICROSCOPY, & MISCELLANEOUS TESTS

Automated Urine Microscopy - I

Program Description

12 mL simulated urine - Designed for Iris DxU series and Iris IQ®.

Program Information

270 Automated Urine Microscopy - I ✓

Analytes

Crystals	RBC	WBC
Non-Squamous Epithelial Cells		

✓ Program is included in our A2LA scope of accreditation.

Format

1 sample x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Automated Urine Microscopy - S

Program Description

12 mL simulated urine - Designed for Sysmex and the Arkray Aution AU-4050.

Program Information

271 Automated Urine Microscopy - S ✓

Analytes

Bacteria	Crystals	RBC
Casts	Epithelial Cells	WBC

✓ Program is included in our A2LA scope of accreditation.

Format

1 sample x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

URINALYSIS, MICROSCOPY,
& MISCELLANEOUS TESTS

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Microscopy Package

Program Description

Images for microscopy. For KOH preparations of skin, hair, or nails, see #333 - KOH Preparation on page 91. This program includes two challenges for urine sediment and one challenge for all other analytes. #233 and #B33 are virtual programs and do not include printed photographs. To receive printed photographs, order #287 or #B87. Please Note: Laboratories ordering only virtual programs must access paperwork and images online. For Microscopy competency programs, see pages 128-135.

Program Information

233	Microscopy Package (Virtual only) ✓
287	Microscopy Package (#233 + Photos) ✓
B33	Microscopy Package (Virtual only) - Verification Program
B87	Microscopy Package (#B33 + Photos) - Verification Program

Analytes

Fecal WBC	Pinworm Preparation	Vaginal Wet Prep
Fern Test	Sperm, pos/neg (▶ post-vas)	Vaginal Wet Prep (KOH)
Nasal Smear	Urine Sediment	

▶ Analyte is not CAP accepted. ✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Rapid Urease

Program Description

Simulated gastric biopsy samples - For use with CLOtest, PyloriTek, or similar methods.

Program Information

260	Rapid Urease ✓
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Analytes

Urease

✓ Program is included in our A2LA scope of accreditation.

Format

3 samples x 2 shipments

Shipping Dates

Feb. 5, Sep. 16

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Trichomonas (Virtual only)

Program Description

Web based video footage for the presence of *Trichomonas vaginalis*. Please Note: Laboratories ordering only virtual programs must access paperwork and images online.

Program Information

263 Trichomonas (Virtual only)

Analytes

Trichomonas vaginalis

Format

1 sample x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Urinalysis & HCG

Program Description

10 mL urine - For dipstick analysis. HCG is intended for waived methods. For Iris dipsticks, see #272 - Urinalysis & HCG - I on page 67. For automated urine microscopy see #270 and #271 on page 63. For Fecal Occult Blood testing see #285 - Fecal Occult Blood - add on, on page 64. For competency, see Q21 Urinalysis & HCG - Competency on page 134.

Program Information

232 Urinalysis & HCG ✓

B32 Urinalysis & HCG - Verification Program

Analytes

Bilirubin	HCG	Protein
Bilirubin, confirmatory	Ketones	Protein, confirmatory
Blood/Hemoglobin	Leukocyte Esterase	Reducing Substance
Creatinine	Nitrite	Specific Gravity
Glucose	pH	Urobilinogen

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Urinalysis & HCG - I

Program Description

10 mL urine - For Iris iChem, iVelocity, and vChem dipstick analysis. HCG is intended for waived methods. For automated urine microscopy see #270 and #271 on page 63. For Fecal Occult Blood testing see #285 - Fecal Occult Blood - add on, on page 64.

Program Information

272 Urinalysis & HCG - I ✓

Analytes

Bilirubin	Ketones	Protein, confirmatory
Bilirubin, confirmatory	Leukocyte Esterase	Reducing Substance
Blood/Hemoglobin	Nitrite	Specific Gravity
Glucose	pH	Urobilinogen
HCG	Protein	

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Urine Crystals

Program Description

1.5 mL urine - For identification of urine crystals.

Program Information

273 Urine Crystals ✓

Analytes

Urine Crystal Identification

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 2 shipments

Shipping Dates

Mar. 4, Oct. 28

Urine Eosinophils

Program Description

One image for the presence or absence of urine eosinophils. #258 is a virtual program and does not include a printed photograph. To receive a printed photograph, order #289. Please Note: Laboratories ordering *only* virtual programs must access paperwork and images online.

Program Information

258 Urine Eosinophils (Virtual only) ✓
289 Urine Eosinophils (#258 + Photo) ✓

Analytes

Urine Eosinophils

✓ Program is included in our A2LA scope of accreditation.

Format

1 photograph x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Urine HCG - Qualitative

Program Description

1 mL simulated urine - For non-waived methods such as latex agglutination or FIA. Also may be ordered by laboratories that wish to test 5 samples for waived methods.

Program Information

235 Urine HCG - Qualitative ✓
B35 Urine HCG - Qualitative - Verification Program

Analytes

HCG

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Urine Sediment

Program Description

Two images for identification of formed elements in urine sediment. #234 is a virtual program and does not include printed photographs. To receive printed photographs, order #288. Please Note: Laboratories ordering *only* virtual programs must access paperwork and images online. For competency, see Q26 - Urine Sediment - Competency on page 135.

Program Information

- 234 Urine Sediment (Virtual only) ✓
- 288 Urine Sediment (#234 + Photos) ✓

Analytes

Identification of formed elements

✓ Program is included in our A2LA scope of accreditation.

Format

2 photograph x 3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

Waived & Microscopy Package

Program Description

For waived methods and commonly performed microscopy procedures. HemoCue users see #128/928 on page 23. True Metrix and True Metrix Pro users see #979 - POC Glucose B on page 28. For KOH preparations of skin, hair, or nails, see #333 on page 91. The numbers shown to the right indicate the number of challenges per test event.

Program Information

- 251 Waived & Microscopy Package ✓
- X51 Extra Results WBG - Waived Package - Verification Program - report results for up to 20 additional glucose meters
- B51 Waived & Microscopy Package - Verification Program - for all analytes listed below

Analytes

Fecal Occult Blood (1)	Hemoglobin (2)	Vaginal Wet Prep-KOH (1)
Group A Strep Antigen (2)	Urinalysis (1)	Whole Blood Glucose (2)
HCG (1)	Urine Sediment (2)	
Hematocrit (2)	Vaginal Wet Prep (1)	

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Mar. 4, Jul. 8, Oct. 28

MICROBIOLOGY

MICROBIOLOGY	1st Event	2nd Event	3rd Event
Ship Dates	February 5	June 3	September 16
Replacement Deadline	February 13	June 11	September 24
PT Results Due Date	February 28	June 26	October 9
Verification Due Date	March 6	July 3	October 16
Evaluations Available Online	March 19	July 16	October 29

MYCOLOGY	1st Event	2nd Event	3rd Event
Ship Dates	January 8	May 13	August 19
Replacement Deadline	January 16	May 21	August 27
PT Results Due Date	February 28	June 26	October 9
Evaluations Available Online	March 19	July 16	October 29

MYCOBACTERIOLOGY	1st Event	2nd Event
Ship Dates	February 26	August 12
Replacement Deadline	March 5	August 20
PT Results Due Date	May 1	October 16
Evaluations Available Online	May 10	October 25





Microbiology Enrollment Requirements

CLIA requires laboratories performing microbiology tests that are regulated for proficiency testing to test five regulated challenges per test event in each sub-specialty where regulated testing is performed. The five sub-specialties are Bacteriology, Mycobacteriology, Mycology, Parasitology, and Virology. All non-waived tests in a sub-specialty can be combined to meet the five-challenge requirement. For molecular testing of direct specimens, CMS considers only bacteriology, virology, and yeast in blood cultures to be regulated tests. Regulated tests are indicated in bold type.

Challenges tested with waived methods (e.g., Rapid Group A Strep) cannot be included in the five regulated challenges. Furthermore, if one of your methods becomes waived or you change to a waived method mid-year, you are responsible for ensuring you maintain five challenges per test event for the remaining non-waived tests in that sub-specialty.

Programs listed that have fewer than five samples are to be used as add-on options to other programs in the same sub-specialty.

Susceptibility testing counts as one challenge regardless of the number of drugs reported.

Urine colony count is not a regulated test and cannot be included as one of the five challenges.

For assistance, please contact Technical Support at 800-333-0958 or TechSupport@api-pt.com.

BACTERIOLOGY

Affirm VP

Program Description

Swab - For the BD Affirm VP III. For other methods see #362 - Trichomonas on page 93.

Program Information

324 Affirm VP ✓

Analytes

Candida sp.

Gardnerella vaginalis

Trichomonas vaginalis

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Basic Bacteriology Package

Program Description

For laboratories performing non-waived Group A Strep Antigen testing, Throat Cultures, and Urine Cultures. The numbers shown to the right of each analyte indicate the number of challenges per test event.

Program Information

321 Basic Bacteriology Package ✓

Analytes

Group A Strep Antigen (2)

Throat Culture (2)

Urine Culture (1)

Susceptibility Testing, Urine (1)

Urine Colony Count (1)

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Bacterial Vaginosis

Program Description

1 mL liquid - For OSOM BVBlue.

Program Information

359 Bacterial Vaginosis ✓

Analytes

Bacterial Vaginosis Screen

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Blood Culture

Program Description

Pellet + 12 mL rehydration fluid - For aerobic and anaerobic blood cultures with educational susceptibility testing as indicated. Use as an add on to other Bacteriology programs - 2 shipments per year. For molecular multiplex methods, see #368 - Blood Pathogen Panel on page 100.

Program Information

361 Blood Culture ✓

Analytes

Blood Culture

Susceptibility Testing (educational)

✓ Program is included in our A2LA scope of accreditation. See A2LA link on our website for analyte exceptions.

Format

2 samples x 2 shipments

Shipping Dates

Feb. 5, Sep. 16

Blood Culture Staph aureus (molecular)

Program Description

Pellet + 12 mL rehydration fluid - For molecular detection of *Staphylococcus aureus*. Use as add on to other Bacteriology programs.

Program Information

355 Blood Culture Staph aureus (molecular)

Analytes

Methicillin Resistant *Staphylococcus aureus*

Staphylococcus aureus

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Bordetella pertussis/parapertussis (molecular)

Program Description

1 mL liquid - For molecular methods for *Bordetella pertussis* and *Bordetella parapertussis*. Use as an add on to other Bacteriology programs.

Program Information

363 Bordetella pertussis/parapertussis (molecular) ✓

Analytes

Bordetella parapertussis

Bordetella pertussis

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

C. difficile Toxin/Antigen

Program Description

1 mL liquid - For *C. difficile* toxin / antigen test kits and molecular methods.

Program Information

350 C. difficile Toxin/Antigen - 5 samples ✓

347 C. difficile Toxin/Antigen - Add on - 2 samples ✓

C47 C. difficile Toxin/Antigen - Verification Program - 2 samples

Analytes

***C. difficile* Antigen**

***C. difficile* Toxin**

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Campylobacter

Program Description

Inocu-Swab II - For detection of *Campylobacter* sp. using antigen or culture methods. Use as an add on to other Bacteriology programs.

Program Information

360 Campylobacter ✓

Analytes

***Campylobacter* sp.**

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Carbapenem-resistant Organisms

Program Description

Swab - For detection of carbapenem resistant organisms (CRO) using molecular methods.

Program Information

380 Carbapenem-resistant Organisms

Analytes

IMP

NDM

VIM

KPC

OXA

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Chlamydia/GC (molecular)

Program Description

1 mL liquid - For nucleic acid probe or amplification methods.

Program Information

311 Chlamydia/GC (molecular) ✓

Analytes

Chlamydia trachomatis

Neisseria gonorrhoeae

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Chlamydia Antigen

Program Description

1 mL liquid - For *Chlamydia* antigen detection kits.

Program Information

316 Chlamydia Antigen - 5 samples ✓

930 Chlamydia Antigen - Add on - 2 samples ✓

Analytes

Chlamydia Antigen

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Comprehensive Bacteriology

Program Description

For laboratories performing a variety of bacteriology procedures. The numbers to the right of each analyte indicate the total number of challenges sent per year. For molecular methods for Group A Strep see #364/964 - Strep Pharyngeal (molecular) on page 85.

Program Information

328 Comprehensive Bacteriology ✓

Analytes

Blood Culture (w/educ. susceptibility) (1)

Campylobacter Antigen (2)

CSF Culture (w/educ. susceptibility) (1)

Ear/Eye Culture (1)

Educational Culture & Susc. (3)

GC/Group B Strep Culture (2)

Gram Stain (15)

Group A Strep Antigen (3)

Sputum Culture (2)

Stool Culture (2)

Susceptibility Testing, Urine (3)

Throat Culture (1)

Urine Culture (3)

Urine Colony Count (3)

Wound Culture (aerobic & anaerobic) (2)

✓ Program is included in our A2LA scope of accreditation. See A2LA link on our website for analyte exceptions.

Format

3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

CSF Bacterial Antigen (latex)

Program Description

1 mL lyophilized samples - For rapid antigen detection of Group B Streptococcus; *Haemophilus influenzae* type b; *Streptococcus pneumoniae*; and *Neisseria meningitidis* group A, C, Y, W135, or N. *meningitidis* group B / *E. coli* K1 from latex agglutination kit tests. Use as an add on to other Bacteriology programs - 2 shipments per year.

Program Information

318 CSF Bacterial Antigen (latex)

Analytes

Bacterial Antigen Detection (CSF)

Format

2 samples x 2 shipments

Shipping Dates

Feb. 5, Sep. 16

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Extended Bacteriology - Educational

Program Description

Inocu-Swab II - Educational culture and susceptibility challenges for laboratories performing complete bacterial identification and susceptibility testing.

Program Information

383 Extended Bacteriology - Educational

Analytes

Bacterial Identification

Susceptibility Testing

Format

3 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Gram Stain

Program Description

Fixed unstained glass slides for Gram stain and morphology. #330 does not include result reporting and is only for use as an add on to #320 - Gram Stain or #328 - Comprehensive Bacteriology.

Program Information

320 Gram Stain ✓

330 Additional Gram Stain Slides

Analytes

Gram Stain

Gram Stain Morphology

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Gram Stain - Direct Smears (Virtual only)

Program Description

Virtual images of Gram stained direct smears from various sources such as blood, sputum, CSF, and wound. Not CMS scored or reported to CAP. Please Note: Laboratories ordering *only* virtual programs must access paperwork and images online. For competency, see Q35 Gram Stain - Competency on page 131

Program Information

329 Gram Stain - Direct Smears (Virtual only) ✓

Analytes

Gram Stain
Leukocytes

Sputum Quality

Stain Quality

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Gram Stain - Vaginitis (Virtual only)

Program Description

Virtual images of Gram stained vaginal smears for the detection of bacterial vaginosis. Not CMS scored or reported to CAP. Please Note: Laboratories ordering only virtual programs must access paperwork and images online.

Program Information

319 Gram Stain - Vaginitis (Virtual only) ✓

Analytes

Bacterial Vaginosis (Gram stain)

Nugent Score

✓ Program is included in our A2LA scope of accreditation.

Format

3 samples x 2 shipments

Shipping Dates

Feb. 5, Sep. 16

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Group A Strep Antigen

Program Description

Swab - For rapid Group A Strep antigen detection kits. For molecular methods see #364/964 - Strep Pharyngeal (molecular) on page 85. For competency, see Q32 - Group A Strep Antigen - Competency on page 131.

Program Information

- 312 Group A Strep Antigen - 5 samples ✓
- 913 Group A Strep Antigen - Add on option or waived methods - 3 samples ✓
- 912 Group A Strep Antigen - Add on option or waived methods - 2 samples ✓
- J12 Group A Strep Antigen - Verification Program - 2 samples

Analytes

Group A Strep Antigen

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Group B Strep (molecular)

Program Description

Swab - For molecular methods for Group B Strep.

Program Information

- 365 Group B Strep (molecular) - 5 samples ✓
- 965 Group B Strep (molecular) - Add on - 2 samples ✓

Analytes

Group B Strep

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

GC/Group B Strep Culture

Program Description

Inocu-Swab II - Culture for *N. gonorrhoeae* and Group B Strep. For molecular methods see #365/965 - Group B Strep (molecular) on page 80.

Program Information

315 GC/Group B Strep Culture - 5 samples ✓
929 GC/Group B Strep Culture - Add on - 2 samples ✓

Analytes

Group B Strep Culture

***N. gonorrhoeae* Culture**

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

H. pylori Antigen, Stool

Program Description

0.5 mL fecal suspension - For detection of *H. pylori* antigen. Use as an add on to other Bacteriology programs -2 shipments per year.

Program Information

351 H. pylori Antigen, Stool ✓

Analytes

***Helicobacter pylori* Antigen**

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 2 shipments

Shipping Dates

Feb. 5, Sep. 16

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Legionella Antigen

Program Description

0.5 mL liquid - For *Legionella* antigen detection methods in urine. Use as an add on to other Bacteriology programs..

Program Information

340 Legionella Antigen ✓

Analytes

***Legionella* Antigen**

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

MRSA Culture

Program Description

Swab - For laboratories using culture methods for MRSA. Use as an add on to other Bacteriology programs. For molecular methods see #366 - MRSA/Staph aureus (molecular) on page 83.

Program Information

356 MRSA Culture ✓

Analytes

Methicillin Resistant *Staphylococcus aureus*

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

MRSA / Staph aureus (molecular)

Program Description

Swab - For molecular detection of MRSA and *Staphylococcus aureus*. Use as an add on to other Bacteriology programs.

Program Information

366 MRSA/Staph aureus (molecular) ✓

Analytes

Methicillin Resistant *Staphylococcus aureus*

Staphylococcus aureus

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Mycoplasma genitalium (molecular)

Program Description

1 mL liquid - For detection of *Mycoplasma genitalium* using molecular methods. Use as an add on to other Bacteriology programs.

Program Information

384 Mycoplasma genitalium (molecular)

Analytes

Mycoplasma genitalium

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Mycoplasma pneumoniae (molecular)

Program Description

1 mL liquid - For detection of *Mycoplasma pneumoniae* using molecular methods. Use as an add on to other Bacteriology programs.

Program Information

374 Mycoplasma pneumoniae (molecular) ✓

Analytes

Mycoplasma pneumoniae

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

S. pneumoniae Antigen

Program Description

0.5 mL liquid - For *S. pneumoniae* antigen detection methods in urine. Use as an add on to other Bacteriology programs.

Program Information

341 S. pneumoniae Antigen ✓

Analytes

***S. pneumoniae* Antigen**

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Shiga Toxin

Program Description

1 mL liquid - For detection of Shiga Toxins 1 and 2 using rapid kits.

Program Information

343 Shiga Toxin ✓

Analytes

Shiga Toxin 1

Shiga Toxin 1 and/or 2

Shiga Toxin 2

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 2 shipments

Shipping Dates

Feb. 5, Sep. 16

Strep Pharyngeal (molecular)

Program Description

Swab - For detection of Group A and Group C/G Strep by molecular methods.

Program Information

364 Strep Pharyngeal (molecular) - 5 samples ✓

964 Strep Pharyngeal (molecular) - Add on - 2 samples ✓

C64 Strep Pharyngeal (molecular) - Verification Program - 2 samples

Analytes

Group A Strep

Group C/G Strep

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Throat Culture

Program Description

Inocu-Swab II - For laboratories performing cultures for Group A Strep. For molecular methods see #364/964 - Strep Pharyngeal (molecular) on page 85.

Program Information

- 313 Throat Culture - 5 samples ✓
- 953 Throat Culture - Add on - 3 samples ✓
- 952 Throat Culture - Add on - 2 samples ✓

Analytes

Throat Culture

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Urine Culture

Program Description

Quantitated pellet and dilution fluid - For culture (including screening tubes, paddles, and agar plates) for bacterial colony count and/or ID. Antimicrobial susceptibility testing can be performed on one sample per test event.

Program Information

- 314 Urine Culture - 5 samples ✓
- 924 Urine Culture - Add on - 2 samples ✓

Analytes

Susceptibility Testing

Urine Colony Count

Urine Culture

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

VRE Culture

Program Description

Swab - For culture methods for VRE. Use as an add on to other Bacteriology programs. For molecular methods see #367 - VRE (molecular) on page 87.

Program Information

357 VRE Culture ✓

Analytes

Vancomycin Resistant Enterococci

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

VRE (molecular)

Program Description

Swab - For molecular methods for VRE. Use as an add on to other Bacteriology programs.

Program Information

367 VRE (molecular) ✓

Analytes

Vancomycin Resistant Enterococci

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

MYCOBACTERIOLOGY

Acid Fast Smears

Program Description

Fixed unstained glass slides - Shipped two times per year as allowed by CMS.

Program Information

335 Acid Fast Smears ✓

Analytes

Acid Fast Bacilli Smears

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 2 shipments

Shipping Dates

Feb. 26, Aug. 12

M. tuberculosis (molecular)

Program Description

1 mL liquid - For detection of *M. tuberculosis* and rifampin resistance using molecular methods.

Program Information

372 M. tuberculosis (molecular) ✓

Analytes

M. tuberculosis detection

Rifampin resistance screen

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 2 shipments

Shipping Dates

Feb. 26, Aug. 12

Mycobacteriology Culture

Program Description

Liquid samples and lyophilized samples - For culture and identification of mycobacteria. Antimycobacterial susceptibility testing can be performed on one sample per test event. Shipped two times per year as allowed by CMS.

Program Information

344 Mycobacteriology Culture ✓

Analytes

Antimycobacterial Susceptibility Testing

Mycobacteriology Identification

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 2 shipments

Shipping Dates

Feb. 26, Aug. 12

MYCOLOGY

Candida auris

NEW

Program Description

Swab - For culture and/or molecular detection of *Candida auris*. Use as an add on to other Mycology programs. Results for molecular methods are not scored for CMS.

Program Information

393 Candida auris

Analytes

Candida auris

Format

2 samples x 2 shipments

Shipping Dates

Feb. 5, Sep. 16

Candida Culture

Program Description

Inocu-Swab II - For *Candida* culture.

Program Information

317 Candida Culture ✓

Analytes

Candida Culture

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

MICROBIOLOGY

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Cryptococcal Antigen

Program Description

1 mL liquid - For Cryptococcal antigen detection.

Program Information

345 Cryptococcal Antigen ✓

Analytes

Cryptococcal Antigen

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Dermatophyte Culture

Program Description

Inocu-Swab II - For culture methods for dermatophytes.

Program Information

332 Dermatophyte Culture ✓

Analytes

Dermatophyte Culture

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

India Ink

Program Description

1 mL liquid - For presence or absence of encapsulated yeast using India ink methods.

Program Information

339 India Ink ✓

Analytes

India Ink

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

KOH Preparation

Program Description

Glass slide prepared to represent a KOH examination of skin, nail or hair.

Program Information

333 KOH Preparation ✓

Analytes

KOH Preparation

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Mycology and Aerobic Actinomycetes

Program Description

Inocu-Swab II - For culture and identification of yeasts, molds, and aerobic actinomycetes.

Program Information

331 Mycology and Aerobic Actinomycetes ✓

Analytes

▶ Antifungal Susceptibility Testing

Mycology Culture

▶ Analyte is not CAP accepted.

✓ Program is included in our A2LA scope of accreditation. See A2LA link on our website for analyte exceptions.

Format

5 samples x 3 shipments

Shipping Dates

Jan. 8, May 13, Aug. 19

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

PARASITOLOGY

Blood Parasites

Program Description

Two virtual blood smears plus three Giemsa-stained thick and/or thin blood smears for the identification of blood parasites.

Program Information

336 Blood Parasites ✓

Analytes

Blood Parasite Identification % Parasitemia

✓ Program is included in our A2LA scope of accreditation. See A2LA link on our website for analyte exceptions.

Format

5 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Giardia & Cryptosporidium Antigens

Program Description

1 mL liquid - For EIA & DFA test methods.

Program Information

342 Giardia & Cryptosporidium Antigens - 5 samples ✓

932 Giardia & Cryptosporidium Antigens - Add on - 2 samples ✓

Analytes

Cryptosporidium Antigen

Giardia Antigen

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Parasitology

Program Description

Photographs, formalin concentrates for direct examination and modified acid fast stain, and a zinc-based PVA slide. For labs performing a variety of parasitology tests. The numbers shown to the right of each analyte indicate the number of challenges per test event. For *Cryptosporidium* antigen see #342/932 - Giardia & Cryptosporidium Antigens on page 92. For Blood Parasites see #336 on page 92.

Program Information

334 Parasitology ✓

Analytes

Blood Smear Photo (1)

PVA Slide (1)

Stool Prep Photo (1)

Formalin Concentrates (2)

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Rapid Malaria

Program Description

0.5 mL stabilized whole blood - For rapid malaria detection. Compatible with methods that detect *Plasmodium falciparum* specific histidine-rich protein 2 (HRP2).

Program Information

382 Rapid Malaria

Analytes

Rapid malaria detection

Format

3 samples x 2 shipments

Shipping Dates

Feb. 5, Sep. 16

Trichomonas

Program Description

2 mL liquid - For molecular methods and Sekisui OSOM Rapid Trichomonas test. For laboratories using the BD Affirm VP III see #324 - Affirm VP on page 72.

Program Information

362 Trichomonas ✓

Analytes

Trichomonas vaginalis

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

VIROLOGY

HBV Viral Load

Program Description

1.5 mL plasma - For molecular quantification of HBV DNA.

Program Information

442 HBV Viral Load

Analytes

- ▶ HBV Viral Load
- ▶ Analyte is not CAP accepted.

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

HCV Viral Load

Program Description

1.5 mL plasma - For molecular detection and quantification of HCV. #439 is not scored for CMS or CAP.

Program Information

439 HCV Viral Load

Analytes

- HCV, qualitative
- HCV genotyping
- ▶ HCV viral load
- ▶ Analyte is not CAP accepted.

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

HIV Viral Load

Program Description

1.5 mL plasma - For molecular quantification of HIV-1 RNA Viral Load.

Program Information

440 HIV Viral Load

Analytes

- ▶ HIV-1 RNA Viral Load
- ▶ Analyte is not CAP accepted.

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

HPV (molecular) - 5

Program Description

1 mL liquid - For detection of high risk HPV using molecular methods.

Program Information

375 HPV (molecular) - 5 samples ✓

Analytes

HPV

HPV genotyping (16, 18, & 18/45)

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

HPV (molecular) - 2

Program Description

1 mL liquid - For detection of high risk HPV using molecular methods. Use as an add on to other Virology programs - 2 shipments per year.

Program Information

975 HPV (molecular) - 2 samples ✓

Analytes

HPV

HPV genotyping (16, 18, & 18/45)

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 2 shipments

Shipping Dates

Feb. 5, Sep. 16

HSV 1 & 2 (molecular)

Program Description

1 mL liquid - For detection of HSV 1 and 2 using molecular methods.

Program Information

373 HSV 1 & 2 (molecular) ✓

Analytes

Herpes Simplex Virus Type 1

Herpes Simplex Virus Type 2

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Molecular Virology

Program Description

1 mL liquid - For detection of Cytomegalovirus (CMV), Enterovirus, Human Metapneumovirus (hMPV), and Varicella-zoster virus (VZV) using molecular methods. Use as an add-on option - 2 challenges per analyte.

Program Information

381 Molecular Virology

Analytes

Cytomegalovirus
Enterovirus

Human Metapneumovirus

Varicella-zoster virus

Format

4 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Norovirus

Program Description

1 mL liquid - For detection of Norovirus using molecular methods. Use as an add on to other Virology programs - 2 shipments per year.

Program Information

379 Norovirus

Analytes

Norovirus

Format

2 samples x 2 shipments

Shipping Dates

Feb. 5, Sep. 16

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Respiratory Virology SARS/Flu/RSV (molecular)

Program Description

1 mL liquid - For molecular detection of SARS-CoV-2, Influenza A, Influenza B and RSV. For Abbott ID NOW users, see #322 - Virology Package - 5 on page 99 and #394 - SARS-CoV-2 (molecular) - 5 on page 98.

Program Information

388 Respiratory Virology SARS/Flu/RSV (molecular)
C88 Respiratory Virology SARS/Flu/RSV (molecular) - Verification Program

Analytes

Influenza A

RSV

SARS-CoV-2

Influenza B

Format

5 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Rotavirus

Program Description

1 mL liquid - For detection of Rotavirus antigen.

Program Information

348 Rotavirus - 5 samples ✓
349 Rotavirus - Add on - 3 samples ✓

Analytes

Rotavirus Antigen

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

SARS-CoV-2 Antigen

ENHANCED

Program Description

Swab - For detection of SARS-CoV-2 antigen.

Program Information

- 387 SARS-CoV-2 Antigen - 5 samples ^{NEW}
- 987 SARS-CoV-2 Antigen - Add on - 2 samples
- C87 SARS-CoV-2 Antigen - Verification Program - 2 samples

Analytes

SARS-CoV-2

Format

3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

SARS-CoV-2 (molecular)

NEW

Program Description

Swab - For detection of SARS-CoV-2 (COVID-19) by molecular methods. Contains the whole genome and includes variants of concern.

Program Information

- 394 SARS-CoV-2 (molecular) - 5 samples
- 994 SARS-CoV-2 (molecular) - Add on - 2 samples
- C94 SARS-CoV-2 (molecular) - Verification Program - 2 samples

Analytes

SARS-CoV-2

Format

3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Virology Package

Program Description

1 mL liquid - For Influenza A and/or B, RSV, and Adenovirus. Compatible with antigen detection kits and molecular methods. For competency, see Q31 Influenza A&B - Competency on page 132 and Q33 RSV - Competency on page 133.

Program Information

- 322 Virology Package - 5 samples ✓
- 942 Virology Package - Add on - 2 samples ✓
- C22 Virology Package - Verification Program - 5 samples

Analytes

Adenovirus

Influenza A or B

RSV

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Virology Package - waived

Program Description

1 mL liquid - For waived Influenza A and/or B, RSV, and Adenovirus. Compatible with antigen detection kits and molecular methods.

Program Information

- 933 Virology Package - waived methods ✓
- J33 Virology Package - waived methods - Verification Program

Analytes

Adenovirus

Influenza A or B

RSV

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 2 shipments

Shipping Dates

Feb. 5, Sep. 16

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

MOLECULAR MULTIPLEX PROGRAMS

For molecular testing of direct specimens, CMS considers bacteriology, virology, and yeast in blood cultures to be regulated tests. If the only regulated bacteriology, virology or mycology testing you perform is using a multiplex analyzer, you are required to participate in five challenges, three times a year for compliance with CLIA. Technical Support is available at 800-333-0958.

Blood Pathogen Panel

Program Description

1 mL liquid - For molecular multiplex panels. A list of targets available for reporting appears on page 104.

Program Information

368 Blood Pathogen Panel ✓

Analytes

Identification of Bacteria

Identification of Yeasts

Resistance Genes

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

GI Panel

Program Description

1 mL liquid - For molecular multiplex panels. A list of targets available for reporting appears on page 104.

Program Information

369 GI Panel ✓

Analytes

Identification of Bacteria

Identification of Parasites

Identification of Viruses

Identification of Bacterial Toxins

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Joint/Wound Infection Panel

ENHANCED

Program Description

1 mL liquid - For molecular multiplex panels. Use as an add on to other Bacteriology programs. A list of targets available for reporting appears on page 104.

Program Information

390 Joint/Wound Infection Panel

Analytes

Identification of Bacteria

Identification of Yeasts

Resistance Genes

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Meningitis Panel

Program Description

1 mL liquid - For molecular multiplex panels. A list of targets available for reporting appears on page 104.

Program Information

371 Meningitis Panel ✓

Analytes

Identification of Bacteria

Identification of Viruses

Identification of Yeasts

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Nail Fungus Panel

Program Description

1 mL lyophilized samples- For molecular multiplex panels. Use as an add on to other Bacteriology programs. A list of targets available for reporting appears on page 105.

Program Information

391 Nail Fungus Panel

Analytes

Identification of Bacteria

Identification of Fungi

Resistance Genes

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Pneumonia Panel

Program Description

0.5 mL liquid - For molecular multiplex panels. A list of targets available for reporting appears on page 105.

Program Information

378 Pneumonia Panel

Analytes

Identification of Bacteria

Identification of Viruses

Resistance Genes

Format

5 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Respiratory Panel

Program Description

1 mL liquid - For molecular multiplex panels. A list of targets available for reporting appears on page 105.

Program Information

370 Respiratory Panel ✓

Analytes

Identification of Bacteria

Identification of Viruses

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

STI Panel

NEW

Program Description

Swab - For molecular multiplex panels. Use as an add on to other Bacteriology and Virology programs. A list of targets available for reporting appears on page 105.

Program Information

392 STI Panel

Analytes

Identification of Bacteria

Identification of Spirochetes

Identification of Viruses

Identification of Parasites

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

UTI Panel

Program Description

1 mL lyophilized samples - For molecular multiplex panels. A list of targets available for reporting appears on page 105.

Program Information

389 UTI Panel

Analytes

Identification of Bacteria

Identification of Yeast

Resistance Genes

Format

5 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

Vaginal Panel

Program Description

1 mL liquid - For molecular multiplex panels. Use as an add on to other Bacteriology programs. A list of targets available for reporting appears on page 105.

Program Information

376 Vaginal Panel

Analytes

Detection of Bacterial Vaginosis

Identification of Candida

Identification of Trichomonas

Identification of Bacteria

Format

2 samples x 3 shipments

Shipping Dates

Feb. 5, Jun. 3, Sep. 16

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

MULTIPLEX TARGET LIST

The targets shown for each program below are available for reporting. As our multiplex programs cater to many different testing platforms, some of the targets listed may not correspond to your testing platform's menu. Laboratories should only report results for targets they are currently testing at their facility.

368 - Blood Pathogen Panel				
Molecular Bacti - Blood	<i>Cutibacterium acnes</i>	<i>Fusobacterium nucleatum</i>	<i>Neisseria meningitidis</i>	<i>Stenotrophomonas maltophilia</i>
(ACB) complex	<i>Enterobacter</i> sp.	<i>Haemophilus influenzae</i>	<i>Proteus</i> sp.	<i>Streptococcus</i> sp.
<i>Acinetobacter</i> sp.	<i>Enterobacter cloacae</i> complex	<i>Klebsiella aerogenes</i>	<i>Pseudomonas aeruginosa</i>	<i>Streptococcus agalactiae</i>
<i>Acinetobacter baumannii</i>	<i>Enterobacter non cloacae</i> complex	<i>Klebsiella oxytoca</i>	<i>Salmonella</i> sp.	<i>Streptococcus anginosus</i> group
<i>Bacillus cereus</i> group	Enterobacterales	<i>Klebsiella pneumoniae</i>	<i>Serratia</i> sp.	<i>Streptococcus pneumoniae</i>
<i>Bacillus subtilis</i> group	<i>Enterococcus</i> sp.	<i>Lactobacillus</i> sp.	<i>Serratia marcescens</i>	<i>Streptococcus pyogenes</i>
<i>Bacteroides fragilis</i>	<i>Enterococcus faecalis</i>	<i>Listeria</i> sp.	<i>Staphylococcus</i> sp.	
<i>Citrobacter</i> sp.	<i>Enterococcus faecium</i>	<i>Listeria monocytogenes</i>	<i>Staphylococcus aureus</i>	
<i>Corynebacterium</i> sp.	<i>Escherichia coli</i>	<i>Micrococcus</i> sp.	<i>Staphylococcus epidermidis</i>	
<i>Cronobacter sakazakii</i>	<i>Fusobacterium necrophorum</i>	<i>Morganella morganii</i>	<i>Staphylococcus lugdunensis</i>	
Molecular Mycology - Blood	<i>Candida famata</i>	<i>Candida krusei</i>	<i>Cryptococcus gattii</i>	<i>Rhodotorula</i>
<i>Candida albicans</i>	<i>Candida glabrata</i>	<i>Candida lusitanae</i>	<i>Cryptococcus neoformans</i>	
<i>Candida auris</i>	<i>Candida guilliermondii</i>	<i>Candida parapsilosis</i>	<i>Cryptococcus neoformans/gattii</i>	
<i>Candida dubliniensis</i>	<i>Candida kefyr</i>	<i>Candida tropicalis</i>	<i>Fusarium</i>	
Molecular Resistance Genes - Blood		<i>mecA</i>	NDM	vanA/B
CTX-M	<i>mcr-1</i>	<i>mecC</i>	vanA	
IMP	<i>mecA/C</i>	OXA	vanB	
KPC	<i>mecA/C</i> & MREJ	OXA-48-like	VIM	
369 - GI Panel				
Molecular Bacti - GI	Enteropathogenic <i>E. coli</i> (EPEC)	<i>Salmonella</i>	<i>Vibrio</i>	
<i>Campylobacter</i> sp.	<i>E. coli</i> O157	<i>Shigella</i>	<i>Vibrio cholerae</i>	
Enterotoxigenic <i>E. coli</i> (EPEC)	<i>Plesiomonas shigelloides</i>	<i>Shigella/Enteroinvasive E. coli</i> (EIEC)	<i>Yersinia enterocolitica</i>	
Molecular Parasite - GI	<i>Cryptosporidium</i>	<i>Cyclospora cayentensis</i>	<i>Entamoeba histolytica</i>	<i>Giardia lamblia</i>
Molecular Toxin - GI	Enterotoxigenic <i>E. coli</i> (ETEC) lt/st	Shiga Toxin 1	Shiga Toxin 2	
<i>C. difficile</i> Toxin A/B	Shiga-like toxin producing <i>E. coli</i> (STEC) stx1/stx2			
Molecular Virology - GI				
Adenovirus F 40/41	Astrovirus	Norovirus GI/GII	Rotavirus A	Sapovirus
390 - Joint/Wound Infection Panel				
Molecular Bacti - Joint	<i>Enterococcus faecalis</i>	<i>Klebsiella oxytoca</i>	<i>Proteus</i> sp.	<i>Streptococcus agalactiae</i>
<i>Acinetobacter baumannii</i>	<i>Enterococcus faecium</i>	<i>Klebsiella pneumoniae</i> group	<i>Pseudomonas aeruginosa</i>	<i>Streptococcus pneumoniae</i>
<i>Anaerococcus prevotii/vaginalis</i>	<i>Escherichia coli</i>	<i>Morganella morganii</i>	<i>Salmonella</i> sp.	<i>Streptococcus pyogenes</i>
<i>Bacteroides fragilis</i>	<i>Finexordia magna</i>	<i>Neisseria gonorrhoeae</i>	<i>Serratia marcescens</i>	
<i>Citrobacter</i> sp.	<i>Haemophilus influenzae</i>	<i>Parvimonas micra</i>	<i>Staphylococcus aureus</i>	
<i>Cutibacterium avidum/granulosum</i>	<i>Kingella kingae</i>	<i>Peptoniphilus</i> sp.	<i>Staphylococcus epidermidis</i>	
<i>Enterobacter cloacae</i> complex	<i>Klebsiella aerogenes</i>	<i>Peptostreptococcus anaerobius</i>	<i>Staphylococcus lugdunensis</i>	
Molecular Mycology - Joint	<i>Candida albicans</i>			
Molecular Resistance Genes - Joint	IMP	<i>mecA/C</i>	OXA-48-like	VIM
CTX-M	KPC	MREJ	vanA/B	
371 - Meningitis Panel				
Molecular Bacti - Meningitis	<i>Haemophilus influenzae</i>	<i>Neisseria meningitidis</i>	<i>Streptococcus pneumoniae</i>	
<i>Escherichia coli</i> K1	<i>Listeria monocytogenes</i>	<i>Streptococcus agalactiae</i>		
Molecular Virology - Meningitis	Enterovirus	Herpes simplex virus 2	Human parechovirus	
Cytomegalovirus	Herpes simplex virus 1	Human herpesvirus 6	Varicella zoster virus	
Molecular Mycology - Meningitis	<i>Cryptococcus neoformans/gattii</i>			
391 - Nail Fungus Panel				
Molecular Bacti - Nail	<i>Pseudomonas aeruginosa</i>	<i>Staphylococcus aureus</i>	<i>Streptococcus pyogenes</i>	
Molecular Mycology - Nail	<i>Acremonium (Sarcocladium) strictum</i>	<i>Alternaria</i> sp.	<i>Aspergillus</i> sp.	
<i>Aspergillus fumigatus</i>	<i>Aspergillus niger</i>	<i>Aspergillus terreus</i>	<i>Aspergillus versicolor</i>	
<i>Candida</i> sp.	<i>Candida albicans</i>	<i>Candida dubliniensis</i>	<i>Candida glabrata</i>	
<i>Candida krusei</i>	<i>Candida lusitanae</i>	<i>Candida parapsilosis</i>	<i>Candida tropicalis</i>	
<i>Cryptococcus</i> sp.	<i>Curvularia</i> sp.	<i>Epidermophyton</i> sp.	<i>Epidermophyton floccosum</i>	
<i>Fusarium</i> sp.	<i>Fusarium solani</i>	<i>Malassezia</i> sp.	<i>Meyerozyma guilliermondii</i>	
<i>Microsporium audouinii</i>	<i>Microsporium canis</i>	<i>Microsporium gypseum</i>	<i>Microsporium nanum</i>	
<i>Scopulariopsis brevicaulis</i>	<i>Scytalidium (Neoscytalidium) dimidiatum</i>	<i>Trichophyton</i> sp.	<i>Trichophyton anthropophilic</i> sp.	
<i>Trichophyton interdigitale</i> (mentagrophytes)	<i>Trichophyton rubrum</i>	<i>Trichophyton soudanense</i>	<i>Trichophyton tonsurans</i>	
<i>Trichophyton violaceum</i>	<i>Trichosporon</i> sp.	<i>Trichosporon beigelii</i>	<i>Trichosporon mucoides</i>	
<i>Trichophyton zoophilic</i> sp.	<i>Zygosaccharomyces</i> species			
Molecular Resistance Genes - Nail	KPC	<i>mecA</i>	NDM	

MULTIPLEX TARGET LIST

The targets shown for each program below are available for reporting. As our multiplex programs cater to many different testing platforms, some of the targets listed may not correspond to your testing platform's menu. Laboratories should only report results for targets they are currently testing at their facility.

378 - Pneumonia Panel				
Molecular Bacti - Pneumonia	<i>Escherichia coli</i>	<i>Klebsiella pneumoniae</i> group	<i>Proteus</i> sp.	<i>Streptococcus agalactiae</i>
(ACB) complex	<i>Haemophilus influenzae</i>	<i>Legionella pneumophila</i>	<i>Pseudomonas aeruginosa</i>	<i>Streptococcus pneumoniae</i>
<i>Chlamydia pneumoniae</i>	<i>Klebsiella aerogenes</i>	<i>Moraxella catarrhalis</i>	<i>Serratia marcescens</i>	<i>Streptococcus pyogenes</i>
<i>Enterobacter cloacae</i> complex	<i>Klebsiella oxytoca</i>	<i>Mycoplasma pneumoniae</i>	<i>Staphylococcus aureus</i>	
Molecular Resistance Genes - Pneumonia		KPC	NDM	VIM
CTX-M	IMP	mecA/C & MREJ	OXA-48-like	
Molecular Virology - Pneumonia	Coronavirus	Human Rhinovirus/Enterovirus	Influenza B	Respiratory Syncytial Virus
Adenovirus	Human Metapneumovirus	Influenza A	Parainfluenza virus	SARS-CoV-2

370 - Respiratory Panel				
Molecular Bacti - Respiratory	<i>Bordetella parapertussis</i>	<i>Bordetella pertussis</i>	<i>Legionella pneumophila</i>	
<i>Bordetella holmesii</i>	<i>Bordetella parapertussis/bronchiseptica</i>	<i>Chlamydia pneumoniae</i>	<i>Mycoplasma pneumoniae</i>	
Molecular Virology - Respiratory	Coronavirus HKU1	Human Rhinovirus / Enterovirus	Influenza B	RSV B
Adenovirus	Coronavirus NL63	Influenza A	Parainfluenza 1 - 4	Rhinovirus
Bocavirus	Coronavirus OC43	Influenza A H1	Parainfluenza Virus	SARS-CoV-2
Coronavirus	Human Metapneumovirus (hMPV)	Influenza A H3	Respiratory Syncytial Virus	
Coronavirus 229E	Human Parechovirus	Influenza A / H1-2009	RSV A	

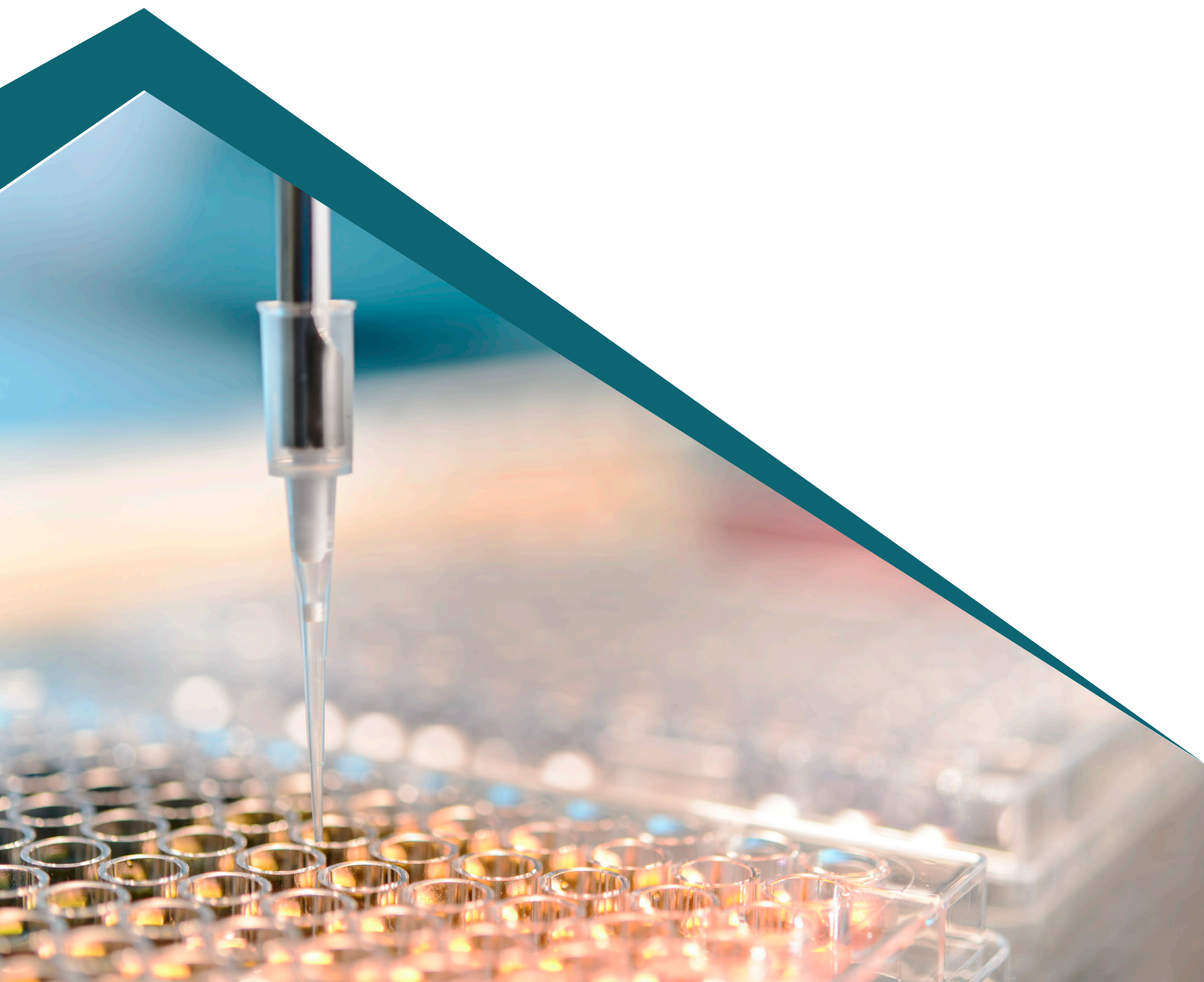
392 - STI Panel				
Molecular Bacti - STI	<i>Gardnerella vaginalis</i>	<i>Mycoplasma genitalium</i>	<i>Neisseria gonorrhoeae</i>	<i>Ureaplasma urealyticum</i>
<i>Chlamydia trachomatis</i>	<i>Haemophilus ducreyi</i>	<i>Mycoplasma hominis</i>	<i>Ureaplasma parvum</i>	
Molecular Parasite - STI	<i>Trichomonas vaginalis</i>			
Molecular Spirochete - STI	<i>Treponema pallidum</i>			
Molecular Virology - STI	Herpes simplex virus 1	Herpes simplex virus 2		

389 - UTI Panel				
Molecular Bacti - Urine	<i>Enterobacter cloacae</i>	<i>Klebsiella oxytoca</i>	<i>Proteus vulgaris</i>	<i>Staphylococcus saprophyticus</i>
<i>Acinetobacter baumannii</i>	<i>Enterococcus</i> sp.	<i>Klebsiella pneumoniae</i>	<i>Providencia stuartii</i>	<i>Streptococcus agalactiae</i>
<i>Aerococcus urinae</i>	<i>Enterococcus faecalis</i>	<i>Morganella morganii</i>	<i>Pseudomonas aeruginosa</i>	<i>Streptococcus pneumoniae</i>
<i>Bacteroides fragilis</i>	<i>Enterococcus faecium</i>	<i>Mycoplasma hominis</i>	<i>Serratia marcescens</i>	<i>Streptococcus pyogenes</i>
<i>Citrobacter</i> sp.	<i>Escherichia coli</i>	<i>Peptostreptococcus anaerobius</i>	<i>Staphylococcus</i> sp.	<i>Ureaplasma urealyticum</i>
<i>Citrobacter freundii</i>	<i>Klebsiella</i> sp.	<i>Prevotella</i> sp.	<i>Staphylococcus aureus</i>	
<i>Citrobacter koseri</i>	<i>Klebsiella aerogenes</i>	<i>Proteus mirabilis</i>	<i>Staphylococcus epidermidis</i>	
Molecular Mycology - Urine	<i>Candida albicans</i>	<i>Candida glabrata</i>	<i>Candida lusitanae</i>	<i>Candida tropicalis</i>
<i>Candida</i> sp.	<i>Candida dubliniensis</i>	<i>Candida krusei</i>	<i>Candida parapsilosis</i>	
Molecular Resistance Genes - Urine	ErmB	mefA	qnrS	vanA
AmpC	ErmC	NDM	SHV	van A/B
CTX-M	femA	OXA	sul	vanB
CTX-M group 1	IMP	OXA-23	sul1	VIM
CTX-M group 2	IMP-7	OXA-48	sul2	
dfrA	KPC	qnr	TEM	
ErmA	mcr-1	qnrA	TetB	
Erm	mecA	qnrB	Tet M	

376 - Vaginal Panel				
Molecular Bacti - Vaginitis				
<i>Atopobium vaginae</i>		<i>Gardnerella vaginalis</i>		<i>Lactobacillus</i> sp.
Molecular BV - Vaginitis		Bacterial Vaginosis		BVAB-2
Molecular Parasite - Vaginitis				
<i>Trichomonas vaginalis</i>				
Molecular Mycology - Vaginitis		<i>Candida albicans</i>		<i>Candida dubliniensis</i>
<i>Candida</i> group (<i>albicans</i> , <i>tropicalis</i> , <i>parapsilosis</i> and <i>dubliniensis</i>)		<i>Candida glabrata</i>		<i>Candida glabrata-krusei</i>
<i>Candida krusei</i>		<i>Candida parapsilosis</i>		<i>Candida tropicalis</i>

IMMUNOLOGY

IMMUNOLOGY	1st Event	2nd Event	3rd Event
Ship Dates	March 25	July 29	November 18
Replacement Deadline	April 2	August 6	November 26
PT Results Due Date	April 10	August 14	December 4
Verification Due Date	April 17	August 21	December 11
Evaluations Available Online	April 30	September 3	December 24



ANA

ENHANCED

Program Description

5 liquid challenges for Screening, Titer, and Pattern Interpretation. One educational case study for pattern identification. Qualitative reporting only. Designed for ANA methods other than latex agglutination. For latex agglutination methods see #429 - ANA (latex kits) on page 107.

Program Information

421 ANA ✓

Analytes

ANA	Anti-Sm	Antichromatin Antibody
Anti-DNA (ds, ss)	Anti-SSA	Educational Pattern ID ^{NEW}
Anti-RNP	Anti-SSA/SSB	Nuclear Titer ^{NEW}
Anti-RNP / Sm	Anti-SSB	Pattern Interpretation ^{NEW}

✓ Program is included in our A2LA scope of accreditation. See A2LA link on our website for analyte exceptions.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

ANA (latex kits)

Program Description

0.5 mL serum - Designed for latex agglutination methods.

Program Information

429 ANA (latex kits)

Analytes

ANA

Format

5 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18



All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Anti-CCP

Program Description

1 mL serum - For qualitative, quantitative, and semi-quantitative testing.

Program Information

423 Anti-CCP ✓

Analytes

Anti-Cyclic Citrullinated Peptide

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

ASO

Program Description

1 mL serum - For qualitative, quantitative, and semi-quantitative (titer) methods. Qualitative and titer testing are scored for CMS.

Program Information

424 ASO ✓

Analytes

Anti-Streptolysin O

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

C-Reactive Protein

Program Description

0.5 mL serum - For qualitative and quantitative CRP procedures that measure levels >1.0 mg/dL.

Program Information

431 C-Reactive Protein ✓

Analytes

C-Reactive Protein

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

Celiac Serology

Program Description

0.3 mL serum - For qualitative, quantitative, and screening methods.

Program Information

448 Celiac Serology

Analytes

Anti-DGP, qual (IgG & ► IgA)

Anti-DGP, quant (IgA & IgG)

Anti-DGP, screen (IgA & IgG)

► Analyte is not CAP accepted.

Anti-DGP/tTG, screen (IgA & IgG)

Anti-gliadin Antibody, qual (IgA & IgG)

Anti-gliadin Antibody, quant (IgA & IgG)

► Anti-tTG Antibody, IgA, qual & quant

Anti-tTG Antibody, IgG, qual & quant

Format

2 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

Diagnostic Allergy

Program Description

2 mL serum - For quantitative IgE and specific allergens. Specific allergens may be reported qualitatively or quantitatively. Specific Allergens targets will include 3 food, 3 animal, 2 tree, 1 mold, and 1 weed pollen each shipment.

Program Information

419 Diagnostic Allergy ✓

437 Additional Sample Volume

Analytes

Specific Allergens

Total IgE

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

H. pylori Antibody

Program Description

1 mL serum - For kits that detect Helicobacter pylori antibody. For H. pylori antigen see #351 - H. pylori Antigen, Stool on page 81.

Program Information

420 H. pylori Antibody ✓

Analytes

H. pylori Antibody

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

Hepatitis Be Ag & Ab

NEW

Program Description

1 mL serum - For testing Hepatitis Be antigen and/or antibody.

Program Information

449 Hepatitis Be Ag & Ab

Analytes

▶ Anti-HBe **HBeAg**

▶ Analyte is not CAP accepted.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

High Sensitivity CRP

Program Description

0.5 mL serum - For hsCRP procedures that measure levels between 0-1.5 mg/dL.

Program Information

443 High Sensitivity CRP ✓

Analytes

hsCRP

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

HSV 1 & 2 Antibody

Program Description

0.5 mL serum

Program Information

430 HSV 1 & 2 Antibody ✓

Analytes

△ HSV-1 Antibody

▶ HSV-1/2 Antibody

HSV-2 Antibody

▶ Analyte is not CAP accepted.
△ CAP acceptance pending, fall 2023.

✓ Program is included in our A2LA scope of accreditation. See A2LA link on our website for analyte exceptions.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

Immunology Package

Program Description

Serum samples - Cost savings for sites that perform all of the included tests - 5 samples per analyte. ASO, Rubella, and Rheumatoid Factor may be reported as qualitative, quantitative, or as a titer; qualitative and titer testing are scored for CMS.

Program Information

407 Immunology Package ✓

Analytes

Anti-Streptolysin O

Rheumatoid Factor

Rubella

Infectious Mononucleosis

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Immunoproteins/C3 & C4

Program Description

1 mL serum - For quantitative testing.

Program Information

436 Immunoproteins/C3 & C4 ✓

Analytes

Alpha-1-Antitrypsin

▶ Ceruloplasmin

Complement C3

Complement C4

▶ Analyte is not CAP accepted.

Haptoglobin

IgA

IgD

IgE

✓ Program is included in our A2LA scope of accreditation. See A2LA link on our website for analyte exceptions.

IgG

IgG Subclass Proteins

IgM

Kappa/Lambda ratio

Format

5 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

Infectious Disease Serology

Program Description

0.5 mL lyophilized defibrinated plasma samples - 1 sample per target. Not CMS scored or reported to CAP. Please Note: As a regulated analyte, Rubella also requires enrollment in 5 samples, 3 times per year to meet CMS and CAP requirements. See #415 - Rubella on page 117 or #407 - Immunology Package on page 111.

Program Information

438 Infectious Disease Serology

Analytes

Cytomegalovirus (IgG & Δ IgM)

Epstein-Barr virus (EBV) (Anti-VCA IgG & IgM,

Anti-EBNA IgG & IgM, Anti-EA IgG & IgM)

▶ Analyte is not CAP accepted.

Mumps Virus IgG

Rubella (IgG & IgM)

Rubeola Virus IgG

Δ CAP acceptance pending, fall 2023.

Toxoplasma gondii (IgG & IgM)

Varicella Zoster Virus (VZV) IgG

▶ VZV Total Ab

Format

7 samples x 2 shipments

Shipping Dates

Mar. 25, Nov. 18

Infectious Mononucleosis

Program Description

0.6 mL serum - For all Infectious Mononucleosis kits. #910 is not scored for CMS. For multiplex EBV reporting, see catalog #438 - Infectious Disease Serology on page 112.

Program Information

410 Infectious Mononucleosis - 5 samples ✓
910 Infectious Mononucleosis - waived - 2 samples ✓

Analytes

Infectious Mononucleosis

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

Infectious Mononucleosis & Rheumatoid Factor

Program Description

Serum samples - Cost savings for labs that perform both tests - 5 samples per analyte. Rheumatoid Factor results may be reported as qualitative, quantitative, or as a titer; qualitative and titer testing are scored for CMS.

Program Information

411 Infectious Mononucleosis & Rheumatoid Factor ✓

Analytes

Infectious Mononucleosis

Rheumatoid Factor

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Lyme Disease

Program Description

0.6 mL serum - For IgG and IgM antibody detection to *Borrelia burgdorferi*.

Program Information

418 Lyme Disease ✓

Analytes

Lyme Disease Antibody

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

Mycoplasma Antibody

Program Description

0.5 mL serum - For kits that detect *Mycoplasma pneumoniae* antibody.

Program Information

428 Mycoplasma Antibody ✓

Analytes

Mycoplasma Antibody

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

Rapid Anti-HCV

Program Description

0.5 mL - For rapid or waived methods only.

Program Information

445 Rapid Anti-HCV

Analytes

Δ Anti-HCV

Δ CAP acceptance pending, fall 2023.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

Rapid HIV

Program Description

1 mL serum - For laboratories using a rapid method to test for anti-HIV and/or HIV-1 p24 antigen. For other antigen/antibody methods see #417 - Viral Markers on page 119. #433 is not scored for CMS.

Program Information

432 Rapid HIV - 5 samples ✓

433 Rapid HIV - waived methods - 2 samples ✓

D33 Rapid HIV - Verification Program - 2 samples

Analytes

Anti-HIV-1/2

HIV-1 p24 Antigen

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Rheumatic Disease Serology

Program Description

1 mL liquid - 1 sample per analyte.

Program Information

447 Rheumatic Disease Serology

Analytes

Anti-Jo-1

Anti-Scl-70

Format

2 samples x 2 shipments

Shipping Dates

Mar. 25, Nov. 18

Rheumatoid Factor

Program Description

1 mL serum - For qualitative, quantitative, and semi-quantitative (titer) methods. Qualitative and titer testing are scored for CMS.

Program Information

408 Rheumatoid Factor ✓

Analytes

Rheumatoid Factor

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

Rubella

Program Description

1 mL serum - For qualitative, quantitative, and semi-quantitative (titer) methods. Qualitative and titer testing are scored for CMS.

Program Information

415 Rubella ✓

Analytes

Rubella

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

SARS-CoV-2 Serology

Program Description

0.75 mL plasma, non-infectious - For qualitative reporting by methods detecting the presence of antibodies against SARS-CoV-2.

Program Information

444 SARS-CoV-2 Serology
D44 SARS-CoV-2 Serology - Verification Program

Analytes

SARS-CoV-2 (Total Ab, IgG, IgM)

Format

2 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18



All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Syphilis Serology

Program Description

1 mL serum - For qualitative and semi-quantitative (titer) methods for serum and CSF. Designed for RPR, VDRL, FTA, and Treponemal Antibody methods.

Program Information

416 Syphilis Serology ✓

Analytes

Syphilis

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

Thyroid Antibodies

Program Description

0.5 mL serum - For quantitative testing.

Program Information

164 Thyroid Antibodies ✓

Analytes

Thyroglobulin Antibody (Anti-TG)

Thyroid Microsomal Antibody (Anti-TPO)

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

Viral Markers

Program Description

3 mL plasma - For anti-HIV, HIV antigen and/or Hepatitis testing. Anti-HIV and HIV-1 p24 antigen is for standard or confirmatory methods only. For rapid HIV antibody and antigen methods see #432/433 - Rapid HIV on page 115. For rapid Anti-HCV methods see #445 - Rapid Anti-HCV on page 115.

Program Information

417 Viral Markers ✓

Analytes

Anti-HAV (total & IgM)

Δ Anti-HAV (IgG)

Anti-HBc (total & IgM)

Anti-HBs, qualitative & quantitative

Δ CAP acceptance pending, fall 2023.

Anti-HCV

Anti-HIV-1

Anti-HIV-1/2

Anti-HIV-1/2 Confirmatory

✓ Program is included in our A2LA scope of accreditation.

Anti-HIV-1/2, p24 Antigen

Anti-HIV-2

HBsAg

HBsAg Confirmatory

Format

5 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

IMMUNOHEMATOLOGY

IMMUNOHEMATOLOGY	1st Event	2nd Event	3rd Event
Ship Dates	March 25	July 29	November 18
Replacement Deadline	April 2	August 6	November 26
PT Results Due Date	April 10	August 14	December 4
Verification Due Date	April 17	August 21	December 11
Evaluations Available Online	April 30	September 3	December 24



IMMUNOHEMATOLOGY

ABO/Rh

Program Description

3 mL - 4% cell suspensions for ABO/Rh testing.

Program Information

511 ABO/Rh ✓

Analytes

ABO Group

ABO Subgroup

D (Rho) Type

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

Antibody Elution

Program Description

2 mL - 50% cell suspensions for antibody elution for non-ABO antibody testing.

Program Information

516 Antibody Elution ✓

Analytes

Antibody Elution

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 2 shipments

Shipping Dates

Mar. 25, Nov. 18

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Antibody Titer - A

Program Description

2 mL serum for Anti-A titer. One 3 mL red cell sample (4% suspension) to be used as titer cell.

Program Information

519 Antibody Titer - A ✓

Analytes

Anti-A (IgM and IgG) titer

✓ Program is included in our A2LA scope of accreditation.

Format

1 samples x 2 shipments

Shipping Dates

Mar. 25, Nov. 18

Antibody Titer - D

Program Description

2 mL serum for anti-D titer. One 3 mL red cell sample (4% suspension) to be used as titer cell.

Program Information

520 Antibody Titer - D ✓

Analytes

Anti-D titer

✓ Program is included in our A2LA scope of accreditation.

Format

1 samples x 2 shipments

Shipping Dates

Mar. 25, Nov. 18

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Antibody Titer - AD

Program Description

2 mL serum - One sample each for anti-A and anti-D titer and one 3 mL red cell sample (4% suspension) to be used as titer cell.

Program Information

521 Antibody Titer - AD ✓

Analytes

Anti-A (IgM and IgG) titer

Anti-D titer

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 2 shipments

Shipping Dates

Mar. 25, Nov. 18

Automated Blood Bank

Program Description

Includes five 4 mL tubes of CPD anticoagulated whole blood. One 2 mL donor red cell suspension is included for compatibility testing and antigen typing which are compatible with Bio-Rad, Grifols, Immucor, and Ortho blood bank analyzers.

Program Information

517 Automated Blood Bank ✓

E17 Automated Blood Bank - Verification Program

Analytes

ABO Group

ABO Subgroup

Antibody Identification

Antibody Screen

Antigen Typing

Compatibility Testing

D (Rho) Type

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

Automated Blood Bank with Electronic Crossmatch

Program Description

Includes five 4 mL tubes of CPD anticoagulated whole blood. One 2 mL donor red cell suspension is included for compatibility testing and antigen typing which are compatible with Bio-Rad, Grifols, Immucor, and Ortho blood bank analyzers. In addition, two donor red cell suspensions with corresponding simulated ISBT donor unit labels are included for electronic crossmatch.

Program Information

537 Automated Blood Bank with Electronic Crossmatch ✓

Analytes

ABO Group

ABO Subgroup

Antibody Identification

✓ Program is included in our A2LA scope of accreditation.

Antibody Screen

Antigen Typing

Compatibility Testing**D (Rho) Type**

Electronic Crossmatch

Format

3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

Blood Bank

Program Description

Includes five 2 mL samples of a 4% red cell suspension and five 3 mL samples of corresponding serum. One 2 mL donor red cell suspension is included for compatibility testing and antigen typing. For Automated Blood Bank see #517/E17 on page 123.

Program Information

512 Blood Bank ✓

E12 Blood Bank - Verification Program

Analytes

ABO Group

ABO Subgroup

Antibody Identification

✓ Program is included in our A2LA scope of accreditation.

Antibody Screen

Antigen Typing

Compatibility Testing**D (Rho) type****Format**

3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Blood Bank with Electronic Crossmatch

Program Description

Includes five 2 mL samples of a 4% red cell suspension and five 3 mL samples of corresponding serum. One 2 mL donor red cell suspension is included for compatibility testing and antigen typing. In addition, two donor red cell suspensions with corresponding simulated ISBT donor unit labels are included for electronic crossmatch. For Automated Blood Bank with Electronic Crossmatch see #537 on page 124.

Program Information

532 Blood Bank with Electronic Crossmatch ✓

Analytes

ABO Group

ABO Subgroup

Antibody Identification

Antibody Screen

Antigen Typing

Compatibility Testing

D (Rho) Type

Electronic Crossmatch

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

DAT

Program Description

1 mL - 4% cell suspensions for DAT.

Program Information

514 DAT ✓

E14 DAT - Verification Program

Analytes

Direct Antiglobulin Testing

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

DAT - Automated

Program Description

4 mL - 15% red cell suspensions for automated DAT methods.

Program Information

534 DAT - Automated ✓

Analytes

Direct Antiglobulin Testing

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

Educational Blood Bank

Program Description

One case study - Sample volume varies by event. 1-2 serum samples and/or 1-2 red cell samples for special challenges that may include ABO Group, D (Rho) Type, Antibody Screen, Antibody Identification, Antigen Typing, or Compatibility Testing.

Program Information

518 Educational Blood Bank ✓

Analytes

ABO Group

Antibody Screen

Compatibility Testing

Antibody Identification

Antigen Typing

D (Rho) Type

✓ Program is included in our A2LA scope of accreditation.

Format

3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

All analytes in bold type are regulated for proficiency testing by CMS. Laboratories enrolling in programs to satisfy CMS requirements for PT are responsible for ensuring they are testing five samples, three times per year.

Fetal RBC

Program Description

2 mL simulated whole blood - For fetal screen, Kleihauer-Betke, and flow cytometry.

Program Information

515 Fetal RBC ✓

Analytes

Fetal Screen Hemoglobin F, quantitative

✓ Program is included in our A2LA scope of accreditation.

Format

2 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

Rh Slide Test

Program Description

0.5 mL - 35-45% cell suspensions for sites that use slide methodology or Eldoncards for Rh typing.

Program Information

513 Rh Slide Test ✓

Analytes

D (Rho) Type

✓ Program is included in our A2LA scope of accreditation.

Format

5 samples x 3 shipments

Shipping Dates

Mar. 25, Jul. 29, Nov. 18

COMPETENCY



Innovative Solutions.

Technical Excellence.

Competency Offerings Now Available

One of the top citations that laboratories receive during an inspection is the lack of competency assessment documentation. API can help laboratories meet this requirement. Our new Competency Programs provide tools to assist with evaluating and documenting the competency of testing personnel. These tools can be utilized in conjunction with the laboratory's established standards to meet the required elements of competency.

Included in Competency Programs:

- Frequent ship dates available to help laboratories stay up to date with competency assessments
- Observation checklists and quizzes to help laboratories ensure they have appropriate documentation to meet the required six elements of competency
- Samples with peer group data comparisons for direct observation of multiple personnel to ensure all members of the laboratory team can demonstrate accurate and reliable patient testing

Let API's Competency Programs provide a pathway for your laboratory to identify quality improvement opportunities, assess workforce development needs, and demonstrate reliable patient testing.

Blood Cell Identification - Competency

Program Description

One virtual Wright stained peripheral blood smear for blood cell identification. The case study will include 5 annotated cells/objects for identification with a manual 100 WBC differential.

Program Information

Q24 Blood Cell ID - Competency

Analytes

Blood Cell Identification

Manual Differential

Format

1 virtual image

Shipping Dates

Available upon request

Blood Gas - Competency

Program Description

Ten identical 3 mL ampules - For combination blood gas/electrolyte analyzers.

Program Information

Q11 Blood Gas - Competency

Analytes

BUN
Calcium, ionized
Chloride
Creatinine
Glucose

Lactate
Magnesium, ionized
pCO₂
pH
pO₂

Potassium
Sodium
tCO₂

Format

10 samples

Shipping Dates

Available upon request

Body Fluid Microscopy - Competency

Program Description

Virtual images for the identification of crystals and other formed elements/cells in pleural, peritoneal, or pericardial fluid.

Program Information

Q13 Body Fluid Microscopy - Competency

Analytes

Identification of formed elements

Format

2 - 5 targets

Shipping Dates

Available upon request

CSF - Competency

Program Description

Virtual images for the identification of crystals and other formed elements/cells in CSF.

Program Information

Q14 CSF - Competency

Analytes

Identification of formed elements

Format

2 - 5 targets

Shipping Dates

Available upon request

Fecal Occult Blood - Competency

Program Description

One 1.5 mL positive simulated stool sample - For guaiac or immunoassay methods.

Program Information

Q22 Fecal Occult Blood - Competency

Analytes

Fecal Occult Blood

Format

1 sample

Shipping Dates

Available upon request

Fern Test - Competency

Program Description

Two virtual images for the presence or absence of ferning.

Program Information

Q28 Fern Test - Competency

Analytes

Fern Test

Format

2 virtual images

Shipping Dates

Available upon request

Gram Stain - Competency

Program Description

Two virtual images of Gram stained direct smears from various sources such as blood, sputum, CSF, and wound.

Program Information

Q35 Gram Stain - Competency

Analytes

Gram Stain

Sputum Quality

Stain Quality

Leukocytes

Format

2 virtual images

Shipping Dates

Available upon request

Group A Strep Antigen - Competency

Program Description

Ten positive swabs - For rapid Group A Strep antigen detection kits. Program not compatible with molecular methods.

Program Information

Q32 Group A Strep Antigen - Competency

Analytes

Group A Strep Antigen

Format

10 samples

Shipping Dates

Available upon request

i-STAT Chemistry - Competency

Program Description

Ten identical 3 mL ampules - For i-STAT analyzers.

Program Information

Q12 i-STAT Chemistry - Competency

Analytes

Calcium, ionized
Chloride
Creatinine
Glucose
Hematocrit

Hemoglobin
Lactate
pCO₂
pH
pO₂

Potassium
Sodium
tCO₂
Urea Nitrogen (BUN)

Format

10 samples

Shipping Dates

Available upon request

Influenza A&B - Competency

Program Description

One 1 mL influenza A positive liquid sample and one 1 mL influenza B positive liquid sample - For antigen detection kits and most molecular methods.

Program Information

Q31 Influenza A&B - Competency

Analytes

Influenza A

Influenza B

Format

2 samples

Shipping Dates

Available upon request

RSV - Competency

Program Description

One 1 mL RSV positive liquid sample - For antigen detection kits and most molecular methods.

Program Information

Q33 RSV - Competency

Analytes

RSV

Format

1 sample

Shipping Dates

Available upon request

SARS-CoV-2 liquid (molecular) - Competency

Program Description

One 1.5 mL positive liquid sample. Contains the whole genome, providing sequence targets compatible with liquid based molecular assays. Includes variants of concern.

Program Information

Q34 SARS-CoV-2 liquid (molecular) - Competency

Analytes

SARS-CoV-2

Format

1 sample

Shipping Dates

Available upon request

Sperm - Competency

Program Description

Two virtual images for the presence or absence of sperm.

Program Information

Q27 Sperm - Competency

Analytes

Sperm

Format

2 virtual images

Shipping Dates

Available upon request

Synovial Fluid - Competency

Program Description

Virtual images for the identification of crystals and other formed elements/cells in synovial fluid.

Program Information

Q15 Synovial Fluid - Competency

Analytes

Identification of formed elements

Format

2 - 5 targets

Shipping Dates

Available upon request

Urinalysis & HCG - Competency

Program Description

One 10 mL urine - For dipstick analysis and urine hCG methods.

Program Information

Q21 Urinalysis & HCG - Competency

Analytes

Bilirubin

Bilirubin, confirmatory

Blood/Hemoglobin

Creatinine

Glucose

HCG

Ketones

Leukocyte Esterase

Nitrite

pH

Protein

Protein, confirmatory

Reducing Substance

Specific Gravity

Urobilinogen

Format

1 sample

Shipping Dates

Available upon request

Urine Sediment - Competency

Program Description

Two virtual images for identification of formed elements in urine sediment.

Program Information

Q26 Urine Sediment - Competency

Analytes

Identification of formed elements

Format

2 virtual images

Shipping Dates

Available upon request

Vaginal Wet Prep - Competency

Program Description

Two virtual images of Vaginal Wet Prep and two virtual images of Vaginal Wet Prep with KOH.

Program Information

Q25 Vaginal Wet Prep - Competency

Analytes

Vaginal Wet Prep

Vaginal Wet Prep (KOH)

Format

4 virtual images

Shipping Dates

Available upon request

CE Credits, Automated Results, and Other Products and Services

Free Continuing Education Credits

Physicians, medical technologists, and technicians enrolled with API are eligible to earn FREE continuing education credit through online self-assessment activities offered in conjunction with the American Society for Clinical Pathology (ASCP). The number of credits that can be earned depends on individual participation. For more information, go to our website at api-pt.com and select “Learn More” under the Continuing Education heading, or call us at 800-333-0958 to speak with a Customer Service Representative.

API DataDirect

Using their own laboratory information system (LIS) or middleware, laboratories may now transmit proficiency testing results directly to API, a process that revolutionizes proficiency testing for clinical laboratories. No more manual data entry, no more clerical errors, no new technology systems to purchase, and no additional fees! DataDirect is easy to use and saves time! Contact us at DataDirect@api-pt.com or call us for a demonstration.

Remedial Proficiency Testing

Remedial proficiency testing is a service API offers to those who need to test specimens in addition to regular proficiency testing. This is usually required when a laboratory has had poor performance on a particular analyte in two of three test events. If your laboratory encounters a need for this service (which includes a written performance evaluation), call to speak with a Technical Specialist for more details. Remedial evaluations are not included in our A2LA scope of accreditation.

Troubleshooting Samples

Occasionally, laboratories wish to re-test a proficiency testing sample as part of a corrective action plan. Most API samples are available for this purpose at a nominal charge. Our Technical Specialists can give you further information.

Supplemental Products

957 API Binder with Tabs

958 Tabs only

Verification Programs for Multiple Instruments

CLIA regulations state that if a laboratory uses multiple methods to test an analyte they must designate one instrument/method as primary for the proficiency event and test the PT samples using that instrument/method. Laboratories are not to test proficiency samples during the PT event with more than one instrument unless that is how they test all patient specimens. This restriction also applies to non-regulated analytes and to analytes categorized as waived under CLIA.

Laboratories may test proficiency samples with multiple instruments/methods after the PT due date. API's Verification programs offer the convenience of using proficiency samples and statistics to verify secondary instruments and methods, while remaining compliant with CLIA regulations. Verification samples are shipped along with PT samples. Laboratories are directed to test after the PT due date and submit results for verification samples online. Verification evaluations are available online, when the evaluations for proficiency programs are released.

Where available, verification programs are listed in the main body of the catalog along with regular PT programs. Scores from verification programs are not reported to regulatory agencies such as CMS, CAP, or The Joint Commission. Verification programs are not included in our A2LA scope of accreditation.

Outstanding Online Features and Services

Paperless Proficiency Testing has unique features that can help you manage your proficiency testing more efficiently. Visit www.api-pt.com to learn more!

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- Submit, review, and print results online.
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