

**PUERTO RICO DEPARTMENT OF HEALTH
LABORATORIES OF PUBLIC HEALTH
DEPARTMENT OF HEALTH**

**PUERTO RICO DEPARTMENT OF HEALTH
PUBLIC HEALTH LABORATORIES
Proficiency Testing Service Program**



**CLINICAL LABORATORIES
PROFICIENCY TESTING PROGRAM
CATALOG 2025**

CHEMISTRY Challenges – 5 per shipment

Ship Dates (2025)	February – 3	May – 5	October – 6
Survey A – Routine Chemistry (10.0ml lyophilized serum/vial) \$ 215.00		Survey C – Routine – Blood Gases (2.0ml ampules of aqueous material/vial) \$110.00	
Analytes: 001 *Alanine Aminotransferase ALT/SGPT 002 *Albumin 003 *Alkaline Phosphatase 004 *Amylase 005 *AspartateAminotransferase AST/SGOT 006 *Bilirubin, Total 010 *Calcium, Total 011 *Chloride 012 *Cholesterol, Total 013 *Cholesterol, high density lipoprotein (HDL) 014 *Creatine Kinase (CK) 016 *Creatinine 135 ** Gamma glutamyl transferase (GGT) 017 *Glucose 018 *Iron Total 019 *Lactase dehydrogenase (LDH) 136 Lactic Acid 137 Lipase 021 *Magnesium 138 **Phosphorus 022 *Potassium 023 *Sodium 024 *Total Protein 025 *Triglycerides 026 *Urea Nitrogen 027 *Uric Acid 169 ** CO ₂ 170 Direct Bilirubin		Analytes: 007 *Blood Gases - pCO ₂ 008 *Blood Gases - pH 009 *Blood Gases - pO ₂	
		Survey D – Endocrinology (1.5ml liquid serum/vial) \$110.00	
		Analytes: 151 *Human Chor. Gonado. (hCG) only – Quali. 152 *Human Chor. Gonado. (hCG) only – Quanti.	
		Survey E– Part A–Endocrinology (5.0ml liquid serum/vial) \$450.00	
		Analytes: 028 *Cortisol 139 ** Estradiol 141 ** Folate 029 Follicle Stimulating Hormone (FSH) 030 *Free Thyroxine 031 *Human Chorionic Gonado. (hCG) – Qualit. 032 *Human Chorionic Gonado. (hCG) – Quanti. 142 ** Human Luteinizing Hormone (hLH) 033 Insulin 034 ** Progesterone 035 ** Prolactin 173 *T3 Uptake 037 ** Testosterone 038 *Triiodothyronine 039 *Thyroid stimulating hormone (TSH) 040 *Thyroxine (T4)	
		Survey E- Special Test \$450.00(billed together with Endo & Special tests) **	
		Analytes: 068 ** CEA (Carcinoembryonic Antigen) 069 ** PSA (Prostate Specific Antigen) 070 PAP (Prostatic Acid Phosphatase) 071 ** Vitamin B ¹²	
		Survey F – Vitamin D \$ 430.00	
		178 Vitamin D	
*CMS regulated and approved ** CMS regulated and approved starting 2025			

CHEMISTRY Challenges – 5 per shipment

Ship Dates (2025)

February – 3

May –5

October – 6

Survey E- Part C- Toxicology	\$450.00(billed together with Endo & Special tests)
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Analytes:

- 041 Amikacin
- 042 *Carbamazepine
- 043 *Digoxin
- 045 **Ferritin
- 046 *Gentamicin
- 048 *Lithium
- 049 *Phenobarbital
- 050 *Phenytoin
- 054 *Theophylline
- 056 *Valproic Acid
- 127** Vancomycin

Survey F – Glycohemoglobin (1.0ml lyophilized serum/vial)	\$245.00
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Analyte:

- 146 ** Glycohemoglobin

Survey G – Occult Blood (Simulated fecal/vial)	\$175.00
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Analyte:

- 154 Fecal Occult Blood

***CMS regulated and CMS approved**

**** CMS regulated and approved starting 2025**

Survey I – Urinalysis (5.0ml liquid urine/vial)	\$285.00
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Analytes:

- 057 Bilirubin
- 058 Glucose
- 059 Hemoglobin or Blood
- 060 Ketones
- 061 Nitrate
- 062 pH
- 063 Pregnancy Test (*)
- 064 Protein - Qualitative
- 065 Protein – Quantitative (24 hour)
- 066 Urobilinogen
- 067 Specific Gravity
- 150 Urine sediment (transparencies)
- 164 Leukocyte

Survey J – Whole Blood Glucose (2.0ml Whole blood/vial)	\$230.00
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Analyte:

- 157 *Whole Blood Glucose
(For non-waived whole blood glucose meters)

HEMATOLOGY

Challenges – 5 per shipment

Ship Dates (2025)

March – 10

June – 2

November – 3

**Survey A - Hematology-General
(Photomicrographs)**

\$100.00

Analyte:

072 *Cell identification

**Survey D – Hematology-General
(3.0ml Whole blood/vial)**

\$330.00

Analytes:

- 172 *Differential WBC for 5 param. Instrument
- 185 * Differential WBC for 6 param. Instrument
- 186 * Differential WBC for 3 param. Instrument
- 075 *Erythrocyte Count (RBC)
- 076 *Hematocrit (Hct)
- 077 *Hemoglobin (HB)
- 078 *Leucocyte Count (WBC)
- 079 *Platelet Count

***CMS regulated and CMS approved**
**** CMS regulated and approved starting 2025**

**Survey E – Hematology –
Reticulocyte Count
(1.0ml Whole blood/vial)**

\$330.00

Analyte:

149 Reticulocyte Count

**Survey F – Hematology –Eryth.
Sedimentation Rate (ESR)
(5.0ml whole blood/vial)**

\$275.00

Analyte:

153 Erythrocyte Sedimentation Rate (ESR)

**Survey G – Coagulation
(1.0ml lyophilized plasma/vial)**

\$220.00

Analytes:

- 080 *Fibrinogen
- 081 *Partial thromboplastin time (PTT)
- 082 *Prothrombin time (PT)

**Survey H – Body Fluid Cell Count
(2.0ml Stabilized human red and
white blood cells in a preservative
medium)**

\$380.00

Analytes:

- 159 BF Red Cell Count
- 160 BF White Cell Count
- 161 BF Differential Cell Count

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IMMUNOHEMATOLOGY

Challenges – 5 per shipment

Ship Dates (2025)

March – 10

June – 2

November – 3

**Survey A- Group and Type
(1.5ml Whole blood/vial)**

\$400.00

Analytes:

- 083 *ABO group
- 126 *Rh (D) type

**Survey B – Indirect Coombs
(1.5ml liquid serum/vial)**

\$400.00

Analyte:

- 084 *Unexpected antibody detection (Ind. Coombs)

**Survey C – Direct Coombs
(1.5 ml whole blood vial)**

\$400.00

Analyte:

- 179 Direct Antiglobulin (Direct COOMBS)
(Qualitative test)

**Survey D – Comp. Testing and
Antibody Id
(3.0ml patient liquid serum/vial)
(1.5ml patient red cells/vial)
(1.5ml donor red cells/vial)**

\$400.00

Analytes:

- 085 *Compatibility testing
- 086 *Antibody identification

***CMS regulated and CMS approved**

IMMUNOLOGY – GENERAL

Challenges – 5 per shipment

Ship Dates (2025)	April – 7	September – 8	December – 1
Survey A- Special Imm. I (1.0ml liquid serum/vial)	\$400.00	Survey E – Rubella Test (1.5ml liquid serum/vial)	\$190.00
094 *Complement C3 095 *Complement C4 099 *IgA 100 *IgG 102 *IgM		107 *Rubella - Qualitative 108 *Rubella – Quantitative	
Survey B – Special Imm. II (5.0ml liquid serum/vial)	\$400.00	Survey F – Syphilis Serology (1.0ml liquid serum/vial)	\$180.00
088 *Alpha - fetoprotein 101 *IgE		109 *Qualitative Syphilis Serology 110 *Quantitative Syphilis Serology	
Survey C – ANA Test (1.5ml liquid serum/vial)	\$190.00	Survey G – H. Pylori (1.5ml liquid serum/vial)	\$380.00
089 *Antinuclear antibody (ANA) - Qualitative 090 *Antinuclear antibody (ANA) - Quantitativ 124 Antinuclear antibody (ANA) – Pattern id.		155 Helicobacter pylori antibody	
Survey D – RA-MONO-ASOT-CRP Test (1.5ml liquid serum/vial)	\$260.00	Survey H – HIV and Hepatitis (2.0ml liquid serum/vial)	\$550.00
091 *Antistreptolysin O (ASOT) - Qualitative 092 *Antistreptolysin O (ASOT) - Semi Quant 144 ** C-Reactive Protein (CRP) - Qualitative 145 **C-Reactive Protein (CRP) - Quantitative 103 *Infectious Mononucleosis (Mono) Qualit. 104 *Infectious Mononucleosis (Mono) Quant. 105 *Rheumatoid factor (RA) - Qualitative 106 *Rheumatoid factor (RA) - Quantitative		093 *Antihuman Immunodeficiency Virus (HIV) 096 *Hepatitis (HBsAg) 097 ** Hepatitis (anti HCV) 171 ** Hepatitis C 182 ** Hepatitis (anti-HBs)	
		Survey I – Mycoplasma	\$350.00
		548 Mycoplasma	
		Survey J – COVID-19	\$450.00
		548 COVID-19 Antibody	
<p>* CMS regulated and CMS approved ** CMS regulated and approved starting 2025</p>			

MICROBIOLOGY

Challenges – 5 per shipment

Ship Dates (2025)	April –7	Sep-8	December – 1
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BACTERIOLOGY

Survey A- Bacteriology GS (Glass slide)	\$100.00
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Analyte:

111 *Gram Stain

Survey B – Bacteriology Direct Antigen detection (Swab with non- viable dried material)	\$130.00
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Analyte:

147 *Streptococcus pyogenes direct antigen
detec.

Survey C – Bacteriology Id. + Sens. (0.5ml lyophilized sample/vial)	\$375.00
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Analytes:

112 *Bacteriology - Identification
113 *Bacteriology – Antimicrobial Susceptibility
2 per shipment)

PARASITOLOGY

Survey A – Parasitology (Formalized samples, photomicro- graphs (2) and blood smears if available.	\$300.00
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Analyte:

120 *Concentrations preparations
121 *Presence or Absence of Parasite

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VIROLOGY

Challenges – 5 per shipment

Ship Dates (2025)	April –7	September – 8	December –1
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Survey A- Rapid Test	\$ 500.00
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Analytes:

*176 Influenza A Qualitative
*177 Influenza B Qualitative
*555 RSV – Respiratory Syncytial Virus
*561 Covid 19 Antigen

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