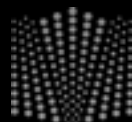


AUDIT LINEARITY CATALOG



WSLH Proficiency Testing
WISCONSIN STATE LABORATORY OF HYGIENE
UNIVERSITY OF WISCONSIN-MADISON

PRODUCTS PROVIDED
IN PARTNERSHIP WITH:



AUDIT
MicroControls

BLOOD GAS

Blood Gas - Calibration Verification

Universal - Item K727M-5

15 x 2mL liquid samples (5 levels)

| INSTRUMENTS | ANALYTES | | | |
|-------------|---|--|---|-------------------------|
| Universal | • BUN • Calcium, Ionized • Chloride | • Creatinine • Glucose • Lactate | • pCO ₂ • pH • pO ₂ | • Potassium • Sodium |

CARDIAC

BNP - Linearity

5 x 1mL freeze dried samples

Universal Extended - Item K737M-5
Siemens Atellica/Centaur - Item K803M-5

| INSTRUMENTS | ANALYTES | |
|------------------------------|----------|-------------|
| Universal | • BNP-32 | • NT-proBNP |
| Siemens Atellica/ Centaur | • BNP-32 | |

Cardiac Markers - Linearity

5 x 1mL freeze dried samples (K710M-5, K906M-5, K982M-5, K935M-5, K804M-5)

5 x 2mL frozen liquid samples (K908M-5, K936M-5)

Universal - Item K710M-5
Ortho Vitros - Item K906M-5
Ortho Vitros - Item K908M-5
PATHFAST - Item K982M-5
Roche Systems - Item K935M-5
Roche Systems - Item K936M-5
Siemens Atellica/Centaur - Item K804M-5

| INSTRUMENTS | ANALYTES | | | |
|--------------------------------|-------------|--------------|--------------|--------------|
| PATHFAST | • NT-proBNP | • Troponin I | | |
| Roche Systems K936M-5 | • CK-MB | • Myoglobin | • Troponin I | • Troponin T |
| All others not listed above | • CK-MB | • Myoglobin | • Troponin I | |

D-Dimer - Linearity

5 x 1mL freeze dried samples

Universal - Item K717M-5
bioMerieux VIDAS and miniVIDAS - Item K845M-5
PATHFAST - Item K883M-5
Stago Systems - Item K958M-5

| INSTRUMENTS | ANALYTES |
|-------------|-----------|
| All listed | • D-Dimer |

Homocysteine - Linearity

5 x 1mL freeze dried samples

Universal - Item K704M-5
Siemens Centaur - Item K801M-5

| INSTRUMENTS | ANALYTES |
|-------------|----------------|
| All listed | • Homocysteine |

hs-CRP - Linearity

5 x 1mL liquid samples

| INSTRUMENTS | ANALYTES |
|-------------|----------|
| All listed | • hs-CRP |

CHEMISTRY - GENERAL

Ammonia/Ethanol - Linearity

5 x 2mL liquid samples

Universal - Item K712M-5
Roche Systems - Item K881M-5

| INSTRUMENTS | ANALYTES |
|-------------|--------------------------|
| All listed | • Ammonia • Ethanol |

Bilirubin - Linearity

5 x 1mL freeze dried samples

Beckman AU - Item K825M-5
Roche Systems - Item K886M-5

| INSTRUMENTS | ANALYTES |
|-------------|---|
| All listed | • Bilirubin, direct • Bilirubin, total |

General Chemistry - Linearity

5 x 5mL freeze dried samples

Universal - Item K701M-5

Instrument specific General Chemistry
- Linearity on next page.

| INSTRUMENTS | ANALYTES |
|-------------|---|
| Universal | <ul style="list-style-type: none"> • Albumin • Alkaline Phosphatase • ALT (SGPT) • Amylase • AST (SGOT) • Bilirubin, direct • Bilirubin, total • BUN • Calcium • Chloride • Cholesterol, HDL • Cholesterol, LDL • Cholesterol, total • CO₂ • Creatinine Kinase (CK) • Creatinine • Gamma-GT • Glucose • Iron, total • Lactate • LDH • Lipase • Magnesium • Osmolality • Phosphorus • Potassium • Protein, total • Sodium • TIBC • Triglycerides • Uric Acid |

CHEMISTRY - GENERAL

General Chemistry - Linearity

5 x 3mL freeze dried samples (K824M-5, K940M-5, K941M-5)

5 x 5mL freeze dried samples (K900M-5, K880M-5)

5 x 1mL freeze dried samples (K901M-5, K902M-5, K942M-5)

5 x 2mL freeze dried samples (K943M-5, K903M-5)

5 x 2mL frozen liquid samples (K918M-5, K919M-5)

Abbott Systems Panel 1 - Item K940M-5

Abbott Systems Panel 2 - Item K941M-5

Abbott Systems Panel 3 - Item K942M-5

Abbott Systems Panel 4 - Item K943M-5

Beckman AU - Item K824M-5

Ortho Vitros Panel 1 - Item K900M-5

Ortho Vitros Panel 2 - Item K901M-5

Ortho Vitros Panel 3 - Item K902M-5

Ortho Vitros Panel 4 - Item K903M-5

Roche Systems - Item K880M-5

Roche Systems Panel 2 - Item K918M-5

Roche Systems Panel 3 - Item K919M-5

| INSTRUMENTS | ANALYTES | | | |
|-----------------------------|---|--|---|--|
| Abbott Systems Panel 1 | • BUN • Calcium • Chloride • CO2 | • Creatinine • Glucose • Iron, total • Lactate | • Magnesium • Phosphorus • Potassium • Sodium | • Uric Acid |
| Abbott Systems Panel 2 | • Albumin • Alkaline Phosphatase | • ALT (SGPT) • Amylase • AST (SGOT) | • Creatinine Kinase (CK) • Gamma-GT | • LDH • Lipase • Protein, total |
| Abbott Systems Panel 3 | • Bilirubin, direct | • Bilirubin, total | | |
| Abbott Systems Panel 4 | • Cholesterol, HDL | • Cholesterol, LDL | • Cholesterol, total | • Triglycerides |
| Beckman AU Roche Systems | • Albumin • Alkaline Phosphatase • ALT (SGPT) • Amylase • AST (SGOT) • BUN | • Calcium • Chloride • CO2 • Creatinine Kinase (CK) • Creatinine • Gamma-GT | • Glucose • Iron, total • Lactate • LDH • Lipase • Magnesium • Phosphorus | • Potassium • Protein, total • Sodium • Uric Acid |
| Ortho Vitros Panel 1 | • Albumin • Alkaline Phosphatase • ALT (SGPT) • Amylase • AST (SGOT) | • BUN • Calcium • Chloride • CO2 • Creatinine • Gamma-GT | • Glucose • Iron, total • Lactate • LDH • Lipase • Magnesium | • Phosphorus • Potassium • Protein, total • Sodium • Uric Acid |
| Ortho Vitros Panel 2 | • Creatinine Kinase (CK) | | | |
| Ortho Vitros Panel 3 | • Bilirubin, conjugated | • Bilirubin, total | • Bilirubin, unconjugated | |
| Ortho Vitros Panel 4 | • Apolipoprotein A-1 | • Apolipoprotein B • Cholesterol, HDL | • Cholesterol, LDL • Cholesterol, total | • Triglycerides |
| Roche Systems Panel 2 | • Alkaline Phosphatase • ALT (SGPT) | • Amylase • AST (SGOT) | • Creatinine Kinase (CK) • Gamma-GT | • LDH • Lipase • Protein, total |
| Roche Systems Panel 3 | • Bilirubin, direct | • Bilirubin, total | | |

CHEMISTRY - GENERAL

ISE - Linearity

5 x 5mL liquid samples (K726M-5)

5 x 3mL frozen liquid samples (K960M-5)

Universal - Item K726M-5
Siemens Dimension - Item K960M-5

| INSTRUMENTS | ANALYTES | | | |
|-------------------|------------|-------------|----------|-----------------|
| Universal | • Chloride | • Potassium | • Sodium | |
| Siemens Dimension | • Chloride | • Potassium | • Sodium | • Triglycerides |

Lipids - Linearity

5 x 2mL freeze dried samples

Universal - Item K709M-5
Beckman AU - Item K826M-5
Roche Systems - Item K882M-5

| INSTRUMENTS | ANALYTES | | | |
|---------------|----------------------|--------------------|----------------------|-----------------|
| Universal | • Apolipoprotein A-1 | • Apolipoprotein B | • Cholesterol, LDL | • Triglycerides |
| Roche Systems | | • Cholesterol, HDL | • Cholesterol, total | |
| Beckman AU | • Cholesterol, HDL | • Cholesterol, LDL | • Cholesterol, total | • Triglycerides |

TIBC - Linearity

5 x 2mL liquid samples

Ortho Vitros - Item K905M-5

| INSTRUMENTS | ANALYTES |
|--------------|----------|
| Ortho Vitros | • TIBC |

UIBC - Linearity

5 x 1mL freeze dried samples

Universal - Item K732M-5

| INSTRUMENTS | ANALYTES |
|-------------|----------|
| Universal | • UIBC |

CHEMISTRY - URINE

Microalbumin/Microprotein - Linearity

Universal - Item K722M-5

5 x 2mL liquid samples

| INSTRUMENTS | ANALYTES | |
|-------------|----------------|----------------|
| Universal | • Microalbumin | • Microprotein |

Urine/Fluids Chemistry - Linearity

Universal - Item K723M-5
Beckman AU - Item K828M-5

10 x 3mL freeze dried samples (K723M-5)

10 x 3mL frozen liquid samples (K828M-5)

| INSTRUMENTS | ANALYTES | | | | |
|-------------|--------------|----------------|-----------------|-----------------|--|
| Universal | • Amylase | • Glucose | • Phosphorus | • Urea Nitrogen | |
| | • Calcium | • Magnesium | • Potassium | • Uric Acid | |
| | • Chloride | • Microalbumin | • Protein | | |
| | • Creatinine | • Osmolality | • Sodium | | |
| Beckman AU | • Amylase | • Glucose | • Phosphorus | • Uric Acid | |
| | • Calcium | • Magnesium | • Potassium | | |
| | • Chloride | • Microalbumin | • Sodium | | |
| | • Creatinine | • Microprotein | • Urea Nitrogen | | |

Beta-Hydroxybutyric Acid - Linearity

5 x 1mL liquid samples

| INSTRUMENTS | ANALYTES |
|-------------|----------------------------|
| Universal | • Beta-Hydroxybutyric Acid |

Fructosamine - Linearity

5 x 2mL liquid samples

| INSTRUMENTS | ANALYTES |
|---------------|----------------|
| Roche Systems | • Fructosamine |

Roche Systems - Item K930M-5

Hemoglobin A1c - Linearity

5 x 0.5mL freeze dried samples (K703M-5)

5 x 0.65mL frozen liquid samples (K949M-5, K983M-5)

| INSTRUMENTS | ANALYTES |
|-------------|----------|
| All listed | • HbA1c |

Universal - Item K703M-5
Abbott Systems - Item K949M-5
Bio-Rad Systems - Item K983M-5

Special Diabetes - Linearity

5 x 2mL frozen liquid samples (K956M-5, K929M-5)

5 x 2mL freeze dried samples (K909M-5)

| INSTRUMENTS | ANALYTES |
|-------------|----------------------------|
| All listed | • C-Peptide • Insulin |

Abbott Systems - Item K956M-5
Ortho Vitros - Item K909M-5
Roche Systems - Item K929M-5

DRUG - MONITORING

Therapeutic Drug Monitoring - Linearity

5 x 5mL freeze dried samples (K707M-5)

5 x 4mL frozen liquid samples (K950M-5, K827M-5, K911M-5, K933M-5)

Universal - Item K707M-5
 Abbott Systems - Item K950M-5
 Beckman AU - Item K827M-5
 Ortho Vitros - Item K911M-5
 Roche Systems - Item K933M-5

| INSTRUMENTS | ANALYTES | | | |
|----------------|--|---|--|---|
| Universal | <ul style="list-style-type: none"> • Acetaminophen • Carbamazepine (Tegretol) • Digoxin | <ul style="list-style-type: none"> • Gentamicin • Lithium • Phenobarbital • Phenytoin | <ul style="list-style-type: none"> • Quinidine • Salicylate • Theophylline • Tobramycin | <ul style="list-style-type: none"> • Valproic Acid • Vancomycin |
| Abbott Systems | <ul style="list-style-type: none"> • Acetaminophen • Amikacin • Carbamazepine (Tegretol) | <ul style="list-style-type: none"> • Digoxin • Gentamicin • Phenobarbital • Phenytoin | <ul style="list-style-type: none"> • Salicylate • Theophylline • Tobramycin • Valproic Acid | <ul style="list-style-type: none"> • Vancomycin |
| Beckman AU | <ul style="list-style-type: none"> • Acetaminophen • Amikacin • Carbamazepine (Tegretol) • Digoxin | <ul style="list-style-type: none"> • Gentamicin • Lidocaine • NAPA • Phenobarbital • Phenytoin | <ul style="list-style-type: none"> • Primidone • Procainamide • Quinidine • Salicylate • Theophylline | <ul style="list-style-type: none"> • Tobramycin • Valproic Acid • Vancomycin |
| Ortho Vitros | <ul style="list-style-type: none"> • Acetaminophen • Carbamazepine (Tegretol) | <ul style="list-style-type: none"> • Digoxin • Gentamicin • Lithium | <ul style="list-style-type: none"> • Phenytoin • Salicylate • Theophylline | <ul style="list-style-type: none"> • Tobramycin • Valproic Acid • Vancomycin |
| Roche Systems | <ul style="list-style-type: none"> • Acetaminophen • Amikacin • Carbamazepine (Tegretol) | <ul style="list-style-type: none"> • Digoxin • Gentamicin • NAPA • Phenobarbital | <ul style="list-style-type: none"> • Phenytoin • Procainamide • Quinidine • Salicylate | <ul style="list-style-type: none"> • Theophylline • Tobramycin • Valproic Acid • Vancomycin |

Anemia - Linearity

5 x 2mL frozen liquid samples (K928M-5, K948M-5, K819M-5)
 5 x 3mL freeze dried samples (K809M-5)

Abbott Systems - Item K948M-5
 Roche Systems - Item K928M-5
 Siemens Atellica/Centaur - Item K809M-5
 Siemens Centaur - Item K819M-5

| INSTRUMENTS | ANALYTES | | | |
|-------------|------------|------------|----------|---------------|
| All listed | • Cortisol | • Ferritin | • Folate | • Vitamin B12 |

Anti-Mullerian Hormone - Linearity

5 x 2mL frozen liquid samples

Roche Systems- Item K896M-5

| INSTRUMENTS | ANALYTES |
|-------------|--------------------------|
| Universal | • Anti-Mullerian Hormone |

ASO - Linearity

5 x 1mL liquid samples

Universal - Item K721M-5

| INSTRUMENTS | ANALYTES |
|-------------|----------|
| Universal | • ASO |

Cystatin C - Linearity

5 x 2mL liquid samples

Universal - Item K735M-5

| INSTRUMENTS | ANALYTES |
|-------------|--------------|
| Universal | • Cystatin C |

Fertility - Linearity

10 x 2mL frozen liquid samples (K818M-5, K947M-5, K927M-5)
 5 x 3mL freeze dried samples (K808M-5)

Abbott Systems - Item K947M-5
 Roche Systems - Item K927M-5
 Siemens Atellica/Centaur - Item K818M-5
 Siemens Centaur - Item K808M-5

| INSTRUMENTS | ANALYTES | | | |
|--|--|-------------------------------|---------------------------------------|-------------------------------|
| Abbott Systems Siemens Atellica/ Centaur | • Alpha-Fetopro- tein (AFP) • DHEA-S | • Estradiol • FSH • hCG | • LH • Progesterone • Prolactin | • Testosterone |
| Roche Systems | • Alpha-Fetopro- tein (AFP) • DHEA-S | • Estradiol • FSH • hCG | • HGH • LH • Progesterone | • Prolactin • Testosterone |
| Siemens Centaur | • Estradiol • FSH | • hCG • LH | • Progesterone • Prolactin | • Testosterone |

IMMUNOASSAY

Immunoassay - Linearity

10 x 5mL freeze dried samples (K714M-5)

5 x 5mL freeze dried samples (K822M-5)

Universal - Item K714M-5
Abbott Architect i Series - Item K833M-5

| INSTRUMENTS | ANALYTES | | | |
|---------------------------|-------------|----------------|--------------|----------------|
| Universal | • Cortisol | • FSH | • PSA, Total | • Testosterone |
| | • Digoxin | • hCG | • T3, Free | • TSH |
| | • Estradiol | • LH | • T3, Total | • Vitamin B12 |
| | • Ferritin | • Progesterone | • T4, Free | |
| | • Folate | • Prolactin | • T4, Total | |
| Abbott Architect i Series | • CEA | • FSH | • Prolactin | • Testosterone |
| | • Ferritin | • LH | • PSA, Free | • TSH |
| | • Folate | • Progesterone | • PSA, Total | • Vitamin B12 |

iPTH - Linearity

5 x 3mL freeze dried samples

Abbott Systems - Item K957M-5
Ortho Vitros - Item K904M-5
Roche Systems - Item K934M-5
Siemens Centaur - Item K813M-5

| INSTRUMENTS | ANALYTES |
|-------------|----------|
| All listed | • iPTH |

Procalcitonin - Linearity & Method Validation

5 x 1mL freeze dried samples - Linearity (K834M-5, K841M-5, K814M-5)

25 x 1mL freeze dried samples - Method Validation (K842M-25)

Abbott Architect i Series - Item K834M-5
bioMerieux VIDAS and miniVIDAS - Item K841M-5
bioMerieux VIDAS and miniVIDAS - Item K842M-25
Siemens Atellica - Item K814M-5

| INSTRUMENTS | ANALYTES |
|-------------|-----------------|
| All listed | • Procalcitonin |

RF/CRP - Linearity

5 x 1mL liquid samples

Universal - Item K720M-5

| INSTRUMENTS | ANALYTES |
|-------------|-----------------|
| Universal | • CRP • RF |

Thyroid - Linearity

10 x 2mL freeze dried samples (K832M-5)

10 x 2mL frozen liquid samples (K926M-5)

10 x 3mL freeze dried samples (K807M-5)

Abbott Systems - Item K832M-5
Roche Systems - Item K926M-5
Siemens Atellica/Centaur - Item K807M-5

| INSTRUMENTS | ANALYTES | | | |
|---|-------------|-------------|------------|-------------|
| Abbott Systems | • T3, Free | • T3, Total | • T4, Free | • T4, Total |
| Roche Systems Siemens Atellica/ Centaur | • T3, Free | • T4, Free | • TSH | |
| | • T3, Total | • T4, Total | | |

T-Uptake - Calibration Verification

Tosoh AIA - Item K851M-5

5 x 1mL liquid samples

| INSTRUMENTS | ANALYTES |
|-------------|------------|
| Tosoh AIA | • T-Uptake |

Tumor Markers - Linearity

5 x 1mL freeze dried samples (K805M-5 consists of two sets of five samples)

Universal - Item K719M-5
Siemens Atellica/Centaur - Item K805M-5

| INSTRUMENTS | ANALYTES |
|--------------------------|---|
| Universal | <ul style="list-style-type: none"> • Alpha-Fetoprotein (AFP) • CA 125 |
| Siemens Atellica/Centaur | <ul style="list-style-type: none"> • Alpha-Fetoprotein (AFP) |

| ANALYTES |
|---|
| <ul style="list-style-type: none"> • CA 15-3 • CA 19-9 • CA 27-29 (BR) • CEA • PSA, Free • PSA, Total |

| ANALYTES |
|--|
| <ul style="list-style-type: none"> • CA 125 • CA 15-3 • CA 19-9 • CA 27-29 (BR) • CEA • PSA, Total |

Vitamin D - Linearity

5 x 2mL liquid samples (K729M-5, K885M-5)

5 x 1mL frozen liquid samples (K910M-5)

Universal - Item K729M-5
Ortho Vitros - Item K910M-5
Roche Systems - Item K885M-5

| INSTRUMENTS | ANALYTES |
|-------------|-------------|
| All listed | • Vitamin D |

Protein - Linearity

5 x 2mL liquid samples

Universal - Item K702M-5

| INSTRUMENTS | ANALYTES |
|-------------|--|
| Universal | <ul style="list-style-type: none"> • Alpha-1 Antitrypsin • Complement C3 • Complement C4 • Immunoglobulin G (IgG) • Immunoglobulin M (IgM) • Immunoglobulin A (IgA) • Protein, Total • Transferrin (TRF) |

ABOUT WSLH PROFICIENCY TESTING



YOUR LAB, OUR MISSION

WSLH Proficiency Testing

The national public health lab that's on a mission to provide reliable, affordable, and easy-to-use proficiency products.

From staffing productivity and ever-evolving technology to time constraints and redirected revenue, Wisconsin State Laboratory of Hygiene (WSLH) Proficiency Testing knows you are working more strategically than ever before to break down barriers to quality patient testing. Everyday behind the doors of Wisconsin's public and environmental health lab, WSLH Proficiency Testing is helping labs like yours stay creative and in control of your costs without sacrificing accurate, reliable results.

Located in the beautiful capital city of Madison, Wisconsin, WSLH Proficiency Testing is part of a national public health lab that connects you to a team of experienced Medical Technologists and to an array of relevant resources to help you overcome quality assurance challenges.

In addition, WSLH PT has partnered with AUDIT to bring you Calibration Verification/Linearity products. AUDIT products can assist laboratories in meeting CLIA 88 calibration verification requirements.

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