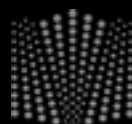


AUDIT LINEARITY CATALOG



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
Abbott Systems - Item K899M5
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	• Apolipoprotein B	• Cholesterol, LDL	• Triglycerides
Roche Systems	A-1	• 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Amylase • Calcium • Chloride • Creatinine • Glucose • Magnesium • Microalbumin • Osmolality • Phosphorus • Potassium • Protein • Sodium • Urea Nitrogen • Uric Acid
Beckman AU	<ul style="list-style-type: none"> • Amylase • Calcium • Chloride • Creatinine • Glucose • Magnesium • Microalbumin • Microprotein • Phosphorus • Potassium • Sodium • Urea Nitrogen • Uric Acid

Urine Chemistry - Linearity

Abbott Systems Panel 1 - Item K897M-5
Abbott Systems Panel 2 - Item K898M-5

10 x 3mL freeze dried samples (K897M-5)

5 x 3mL freeze dried samples (K898M-5)

INSTRUMENTS	ANALYTES
Abbott Systems Panel 1	<ul style="list-style-type: none"> • Phosphorus • Urea Nitrogen • Uric Acid
Abbott Systems Panel 2	<ul style="list-style-type: none"> • Amylase • Calcium • Chloride • Creatinine • Glucose • Magnesium • Microalbumin • Microprotein • Potassium • Sodium

Beta-Hydroxybutyric Acid - Linearity

5 x 1mL liquid samples

INSTRUMENTS	ANALYTES
Universal	• Beta-Hydroxybutyric Acid

Fructosamine - Linearity

5 x 2mL liquid samples

Roche Systems - Item K930M-5

INSTRUMENTS	ANALYTES
Roche Systems	• Fructosamine

Hemoglobin A1c - Linearity

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

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

5 x 0.8mL frozen liquid samples (K761M-5)

Universal - Item K703M-5
 Universal - Item K761M-5
 Abbott Systems - Item K949M-5
 Bio-Rad Systems - Item K983M-5

INSTRUMENTS	ANALYTES
All listed	• HbA1c

Special Diabetes - Linearity

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

5 x 2mL freeze dried samples (K889M-5)

Universal - Item K889M-5
 Abbott Systems - Item K956M-5
 Roche Systems - Item K929M-5

INSTRUMENTS	ANALYTES
All listed	• C-Peptide • Insulin

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-Fetoprotein (AFP) • DHEA-S	• Estradiol • FSH • hCG	• LH • Progesterone • Prolactin	• Testosterone
Roche Systems	• Alpha-Fetoprotein (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
<ul style="list-style-type: none"> • CA 125 • 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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