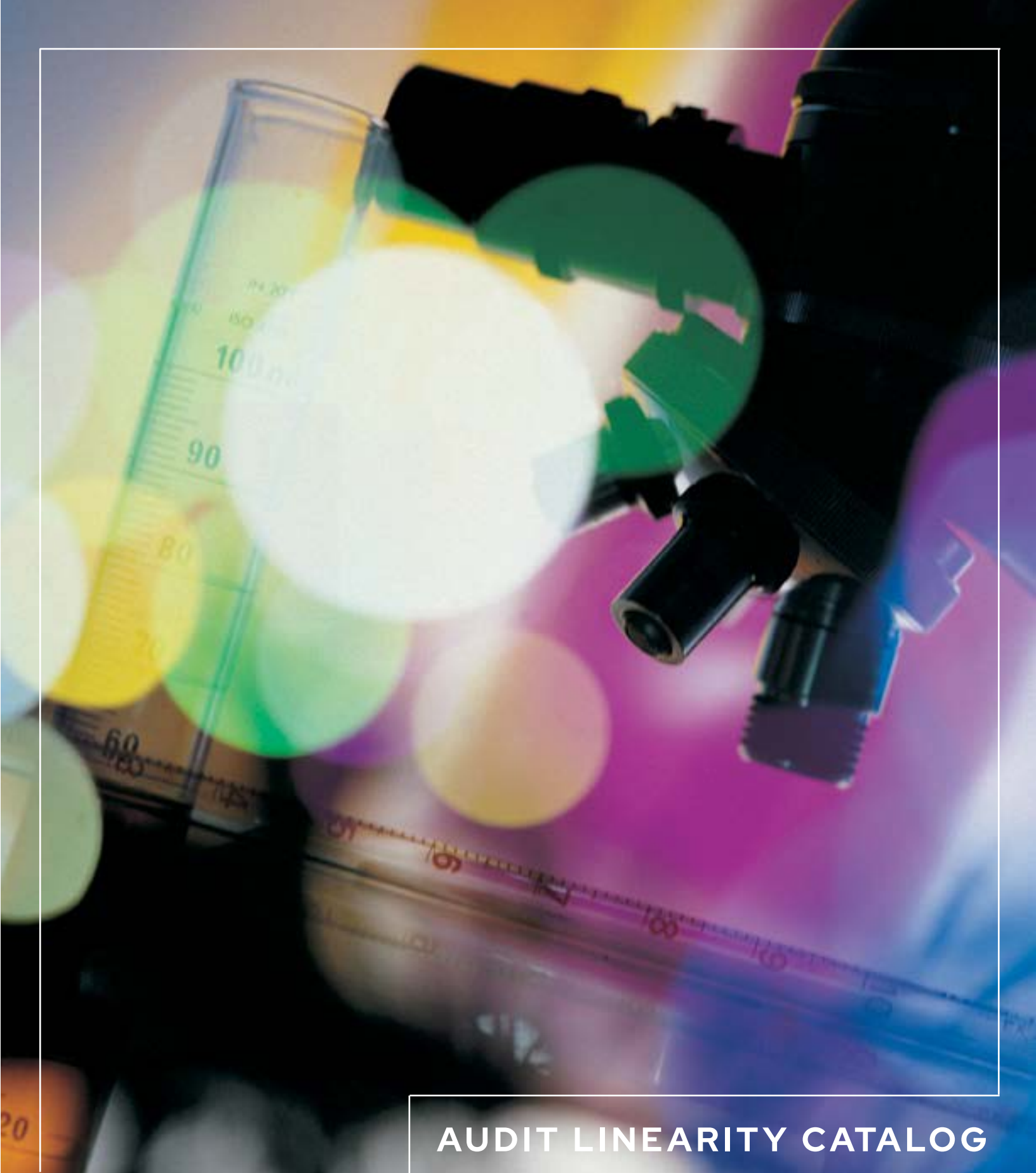


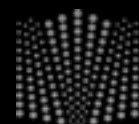


AUDIT LINEARITY CATALOG



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

15 x 2mL liquid samples (5 levels)

Universal - Item K727M-5

INSTRUMENTS	ANALYTES			
Universal	• BUN • Calcium, Ionized • Chloride	• Creatinine • Glucose • Lactate	• pCO₂ • pH • pO₂	• Potassium • Sodium

CARDIAC

BNP/NT-proBNP - Linearity

5 x 1mL freeze dried samples

Universal Extended - Item K737M-5

Abbott Systems - Item K836M-5

Siemens Atellica - Item K803M-5

INSTRUMENTS	ANALYTES	
Abbott Systems	• NT-proBNP	
All others not listed above	• BNP-32	• NT-proBNP

Cardiac Markers - Linearity

5 x 1mL freeze dried samples

Universal - Item K710M-5

Ortho Vitros - Item K906M-5

PATHFAST - Item K982M-5

Roche Systems - Item K935M-5

Siemens Atellica - Item K804M-5

INSTRUMENTS	ANALYTES			
Roche Systems	• CK-MB • Myoglobin	• NT-proBNP • Troponin I	• Troponin T	
Ortho Vitros	• CK-MB	• Myoglobin	• NT-proBNP	• Troponin I
Universal Siemens Atellica	• CK-MB	• Myoglobin	• Troponin I	
PATHFAST	• NT-proBNP	• 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

INSTRUMENTS	ANALYTES
All listed	• Homocysteine

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

hs-CRP - Linearity

5 x 1mL liquid samples

INSTRUMENTS	ANALYTES
All listed	• hs-CRP

Universal - Item K705M-5
Ortho Vitros - Item K907M-5

CHEMISTRY - GENERAL

Ammonia/Ethanol - Linearity

5 x 2mL liquid samples

INSTRUMENTS	ANALYTES
All listed	• Ammonia • Ethanol

Universal - Item K712M-5
Abbott Systems - Item K899M-5
Ortho Vitros - Item K830M-5
Roche Systems - Item K881M-5

Bilirubin - Linearity

5 x 1mL freeze dried samples (K825M-5, K8886M-5)

5 x 2mL freeze dried samples (K742M-5)

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

Universal - Item K742M-5
Beckman AU - Item K825M-5
Roche Systems - Item K886M-5

General Chemistry - Linearity

5 x 5mL freeze dried samples

INSTRUMENTS	ANALYTES
Universal	• Albumin • Alkaline Phosphatase • ALT (SGPT) • Amylase • AST (SGOT) • 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

Universal - Item K701M-5

Instrument specific General Chemistry
- Linearity on next page.

CHEMISTRY – GENERAL

General Chemistry – Linearity

5 x 3mL freeze dried samples (K824M-5, K864M-5, K865M-5, K940M-5, K941M-5)

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

5 x 1mL freeze dried samples (K866M-5, K901M-5, K902M-5, K942M-5)

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

10 x 2mL freeze dried samples (K867M-10)

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
 Alfa Wassermann Panel 1 - Item K864M-5
 Alfa Wassermann Panel 2 - Item K865M-5
 Alfa Wassermann Panel 3 - Item K866M-5
 Alfa Wassermann Panel 4 - Item K867M-10
 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

INSTRUMENTS	ANALYTES				
Abbott Systems P1	• BUN • Calcium • Chloride • CO2	• Creatinine • Glucose • Iron, total • Lactate	• Magnesium • Phosphorus • Potassium • Sodium	• Uric Acid	
Alfa Wassermann P1	• BUN • Calcium • Chloride	• CO2 • Creatinine • Glucose	• Iron, total • Magnesium • Phosphorus	• Potassium • Sodium • Uric Acid	
Abbott Systems P2 Alfa Wassermann P2	• Albumin • Alkaline Phosphatase	• ALT (SGPT) • Amylase • AST (SGOT)	• Creatinine Kinase (CK) • Gamma-GT	• LDH • Lipase • Protein, total	
Abbott Systems P3 Alfa Wassermann P3	• Bilirubin, direct	• Bilirubin, total			
Abbott Systems P4 Alfa Wassermann P4	• 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 P1	• 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 P2	• Creatinine Kinase (CK)				
Ortho Vitros P3	• Bilirubin, conjugated	• Bilirubin, total	• Bilirubin, unconjugated		
Ortho Vitros P4	• Apolipoprotein A-1	• Apolipoprotein B • Cholesterol, HDL	• Cholesterol, LDL • Cholesterol, total	• Triglycerides	

CHEMISTRY - GENERAL

ISE - Linearity

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

Siemens Dimension - Item K960M-5

INSTRUMENTS	ANALYTES			
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

Lipoprotein (a) - Linearity

5 x 1mL freeze dried samples

Universal - Item K743M-5

INSTRUMENTS	ANALYTES
Universal	• Lipoprotein (a)

Special Proteins - Linearity

5 x 2mL liquid samples

Universal - Item K762M-5

INSTRUMENTS	ANALYTES			
Universal	• A2MG	• Ceruloplasmin	• Haptoglobin	• IgE

Traumatic Brain Injury (TBI) - Linearity

10 x 0.5mL freeze dried samples

Universal - Item K739M-10

INSTRUMENTS	ANALYTES	
Universal	• GFAP	• UCH-L1

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

Urine/Fluids Chemistry – Linearity

Universal - Item K723M-5

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

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

Urine Chemistry – Linearity

10 x 3mL freeze dried samples (K897M-5, K829M-10)

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

Abbott Systems Panel 1 - Item K897M-5

Abbott Systems Panel 2 - Item K898M-5

Beckman AU - Item K829M-10

INSTRUMENTS	ANALYTES			
Abbott Systems Panel 1	• Phosphorus	• Urea Nitrogen	• Uric Acid	
Abbott Systems Panel 2	• Amylase	• Creatinine	• Microalbumin	• Sodium
	• Calcium	• Glucose	• Microprotein	
	• Chloride	• Magnesium	• Potassium	
Beckman AU	• Amylase	• Glucose	• Potassium	• Uric Acid
	• Calcium	• Magnesium	• Protein	
	• Chloride	• Microalbumin	• Sodium	
	• Creatinine	• Phosphorus	• Urea Nitrogen	

Beta-Hydroxybutyric Acid - Linearity

5 x 1mL liquid samples

Universal - Item K728M-5

INSTRUMENTS	ANALYTES
Universal	• Beta-Hydroxybutyric Acid

Hemoglobin A1c - Linearity

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

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

Universal - Item K703M-5

Universal - Item K761M-5

INSTRUMENTS	ANALYTES
All listed	• HbA1c

Special Diabetes - Linearity

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

10 x 2mL frozen liquid samples (K922M-5)

Universal - Item K889M-5

Roche Systems - Item K922M-5

INSTRUMENTS	ANALYTES
Roche Systems	• C-Peptide • Fructosamine • Insulin
Universal	• 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	• Acetaminophen • Carbamazepine (Tegretol) • Digoxin	• Gentamicin • Lithium • Phenobarbital • Phenytoin	• Quinidine • Salicylate • Theophylline • Tobramycin	• Valproic Acid • Vancomycin
Abbott Systems	• Acetaminophen • Amikacin • Carbamazepine (Tegretol)	• Digoxin • Gentamicin • Phenobarbital • Phenytoin	• Salicylate • Theophylline • Tobramycin • Valproic Acid	• Vancomycin
Beckman AU	• Acetaminophen • Amikacin • Carbamazepine (Tegretol) • Digoxin	• Gentamicin • Lidocaine • NAPA • Phenobarbital • Phenytoin	• Primidone • Procainamide • Quinidine • Salicylate • Theophylline	• Tobramycin • Valproic Acid • Vancomycin
Ortho Vitros	• Acetaminophen • Carbamazepine (Tegretol)	• Digoxin • Gentamicin • Lithium	• Phenytoin • Salicylate • Theophylline	• Tobramycin • Valproic Acid • Vancomycin
Roche Systems	• Acetaminophen • Amikacin • Carbamazepine (Tegretol)	• Digoxin • Gentamicin • NAPA • Phenobarbital	• Phenytoin • Procainamide • Quinidine • Salicylate	• Theophylline • Tobramycin • Valproic Acid • Vancomycin

Anemia - Linearity

5 x 2mL frozen liquid samples (K928M-5, K819M-5)

5 x 3mL freeze dried samples (K809M-5)

Roche Systems - Item K928M-5
Siemens Atellica - 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, K927M-5)

5 x 3mL freeze dried samples (K808M-5)

Roche Systems - Item K927M-5
Siemens Atellica - Item K818M-5
Siemens Atellica - Item K808M-5

INSTRUMENTS	ANALYTES			
Roche Systems	• Alpha-Fetoprotein (AFP)	• Estradiol	• HGH	• Prolactin
	• DHEA-S	• FSH	• LH	• Testosterone
Siemens Atellica (K818M-5)	• Alpha-Fetoprotein (AFP)	• Estradiol	• LH	• Testosterone
	• DHEA-S	• FSH	• Progesterone	
Siemens Atellica (K808M-5)	• Estradiol	• hCG	• Progesterone	• Testosterone
	• FSH	• LH	• Prolactin	

IMMUNOASSAY

Immunoassay – Linearity

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

5 x 5mL freeze dried samples (K833M-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	• Alpha-Fetoprotein (AFP)	• Estradiol	• LH	• Testosterone
	• CEA	• Ferritin	• Progesterone	• TSH
	• Cortisol	• Folate	• Prolactin	• Vitamin B12
	• DHEA-S	• FSH	• PSA, Free	
		• hCG	• PSA, Total	

iPTH – Linearity

5 x 3mL freeze dried samples

Abbott Systems – Item K957M-5
Ortho Vitros – Item K904M-5
Roche Systems – Item K934M-5
Siemens Atellica – 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
bioMérieux VIDAS – Item K841M-5
bioMérieux 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 – Item K807M-5

INSTRUMENTS	ANALYTES			
Abbott Systems	• T3, Free	• T3, Total	• T4, Free	• T4, Total
Roche Systems	• T3, Free	• T4, Free	• TSH	
Siemens Atellica	• 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

10 x 1mL freeze dried samples (K719M-5 and K805M-5 are two sets of 5 levels)

Universal - Item K719M-5
Abbott Systems - Item K939M-10
Siemens Atellica/Centaur - Item K805M-5

INSTRUMENTS	ANALYTES
Universal	• Alpha-Fetoprotein (AFP) • CA 125 • CA 15-3 • CA 19-9 • CA 27-29 (BR) • CEA • PSA, Free • PSA, Total
Abbott Systems	• Alpha-Fetoprotein (AFP) • CA 125 • CA 15-3 • CA 19-9 • CEA • PSA Free • PSA, Total
Siemens Atellica/Centaur	• Alpha-Fetoprotein (AFP) • CA 125 • CA 15-3 • CA 19-9 • CA 27-29 (BR) • CEA • PSA, Total

Vitamin D - Linearity

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

5 x 2mL frozen liquid samples (K764M-5, K923M-5)

Universal - Item K764M-5
Ortho Vitros - Item K910M-5
Roche Systems - Item K923M-5

INSTRUMENTS	ANALYTES
All listed	• Vitamin D

IMMUNOLOGY

Protein - Linearity

5 x 2mL liquid samples

Universal - Item K702M-5

INSTRUMENTS	ANALYTES
Universal	• 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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