



**SEKISUI**  
DIAGNOSTICS

**Product Catalog**  
for diagnostic manufacturers

CLINICAL  
**CLINICAL CHEMISTRY**

reagents

## REAGENTS

DIAGNOSTIC USE	PRODUCT	ATTRIBUTES
Toxicology	Acetaminophen L3K®	Enzymatic (Acyl-Aminohydrolase) assay Stable liquid Reduced NAC interference
Liver Disease	Alanine Aminotransferase (ALT/SGPT) -SL	Enzymatic (Modified IFCC) assay Two part stable liquid
Liver/Kidney Disease	Albumin	Bromcresol Green (BCG) assay Stable liquid
Liver Disease	Alkaline Phosphatase (ALP)-SL	Enzymatic (p-Nitrophenylphosphate) assay Stable liquid
Liver Disease	Ammonia L3K®	Enzymatic (Glutamate Dehydrogenase) assay One part stable liquid No significant interference from ascorbic acid or bilirubin
Pancreatitis	Amylase Direct	Enzymatic (CNP3) assay Stable liquid Direct method eliminates delays due to extended lag phase
Liver Disease	Aspartate Aminotransferase (AST/SGOT)-SL	Enzymatic (Modified IFCC) assay Stable liquid
Liver Disease	Bilirubin, Direct-SL	DCA assay Stable liquid
Liver Disease	Bilirubin, Total L3K®	DCA assay Stable liquid Serum or plasma acceptable Neonatal serum samples acceptable Significantly reduced hemolytic and lipemic interferences
Metabolic Disorder	Calcium	Arsenazo III assay Stable liquid Excellent precision
Metabolic Disorder	Carbon Dioxide (CO2) L3K®	Enzymatic (Phosphoenolpyruvate Carboxylase) assay Stable liquid Good correlation to ISE methods
Metabolic Disorder	Carbon Dioxide (CO2) L3K® Concentrate	Enzymatic (Phosphoenolpyruvate Carboxylase) assay Stable liquid Concentrated (5x)
Cardiovascular	Cholesterol, Total-SL	Enzymatic (Cholesterol Esterase/Oxidase) assay Stable liquid
Immunology	wrCRP, N-geneous® Reagent	Immunoturbidimetric assay Stable liquid Increased sensitivity at low concentrations Extended linear range
Cardiovascular	Creatine Kinase (CK)-SL	Enzymatic (NAC Activated) assay Stable liquid Extended linear range (2-1500 U/L)
Kidney Disease	Creatinine, Enzymatic	Enzymatic (Creatinine Amidohydrolase) assay Stable liquid Non hazardous reagent Increased linearity Serum, plasma and urine acceptable
Kidney Disease	Creatinine-S	Modified Jaffé, assay Stable liquid
Toxicology	Ethanol L3K®	Enzymatic (Alcohol Dehydrogenase) assay One part stable liquid Serum, plasma, and urine acceptable

Please note that some products listed may not be available in all markets.

# CLINICAL CHEMISTRY PRODUCT CATALOG

## REAGENTS

DIAGNOSTIC USE	PRODUCT	ATTRIBUTES
Liver Disease	Gamma Glutamyl-Transferase (GGT)	Enzymatic (Carboxy Substrate/Modified IFCC) Kinetic assay Stable liquid
Diabetes	Glucose-SL	Enzymatic (Hexokinase) assay Stable liquid
Cardiovascular	HDL, Ultra N-geneous® Cholesterol Reagent	Accelerator Selective Detergent assay Stable liquid Meets NCEP total error goals of <13% Serum or plasma acceptable
Anemia	Iron, Total-PC (Protein Clearing)	Ferrozine® assay Reduced paraprotein interference
Anemia	Iron, Total-SL	Ferene® assay Stable liquid
Liver/Cardiovascular Disease	Lactate Dehydrogenase (LDH)-SL	Enzymatic (Lactate→Pyruvate) assay Stable liquid
Cardiovascular	LDL, N-geneous® Cholesterol Reagent	Accelerator Selective Detergent assay Stable liquid Meets NCEP total error goals for both normal and high triglyceride samples Serum or plasma acceptable No fasting required
Pancreatitis	Lipase Color Kit	Enzymatic (1,2 Diglyceride) assay Excellent precision Wide linear range
Diabetes/Kidney Disease	Magnesium	Xylidyl Blue assay Stable liquid Extended linear range: 0.3-8.0 mg/dL
Kidney Disease	Microalbumin	Immunoturbidimetric assay Stable liquid
Kidney Disease	Micro-Total Protein	Pyrogallol Red assay Stable liquid Urine or cerebrospinal fluid acceptable
Kidney Disease	Phosphorus, Inorganic-SL	Ammonium Molybdate assay Stable liquid Wide Linear Range: 0.1-20 mg/dL
Toxicology	Salicylate-SL	Enzymatic (Salicylate Hydroxylase) assay Stable liquid
Liver Disease	Sorbitol Dehydrogenase (SDH)	Enzymatic; Kinetic assay For veterinary use only
Liver/Kidney Disease	Total Protein	Biuret assay Stable liquid
Cardiovascular	Triglyceride-SL	Enzymatic (Glycerol Phosphate Oxidase) assay Stable liquid Wide Linear Range: 3.0-1000.0 mg/dL
Anemia	Unsaturated Iron Binding Capacity (UIBC)	Ferene®; Endpoint assay Stable liquid Exceptional high end linearity (600 µg/dL)
Kidney Disease	Urea (BUN) L3K®	Enzymatic (Urease) assay Stable liquid
Kidney Disease	Uric Acid-SL	Enzymatic (Uricase) assay Stable liquid Wide Linear Range: 0.3 - 20.0 mg/dL

**CALIBRATORS AND CONTROLS****PRODUCT**

wrCRP Calibrator, N-geneous® (multiple levels)

Multi-Analyte Calibrator, DC-Cal

Multi-Analyte Control Material, DC-Trol Level 1

Multi-Analyte Control Material, DC-Trol Level 2

HDL Calibrator, Ultra N-geneous® Cholesterol

LDL Calibrator, N-geneous® Cholesterol

Lipase Color Calibrator

Microalbumin Calibrator

Microalbumin Controls

Sorbitol Dehydrogenase (SDH) Control Material Level 1

Sorbitol Dehydrogenase (SDH) Control Material Level 2

UIBC Calibrator

**LINEARITY****PRODUCT**

UIBC Lineate