

THE CHOICE FOR LIPOPROTEIN ASSAYS THAT HIT THE MARK EVERY TIME



- Traceable to NIST/WHO standards
- Outstanding accuracy and precision
- Low cost per test
- Extensive range of instrument parameters
- Packaging options for labs of all sizes
- Most feature instrument specific packaging options
 - ✓ Beckman
 - ✓ Roche
 - ✓ Siemens



DIAZYME LIPIDS

	HDL	LDL	Lp(a)	Apo A-1	Apo B
Method	Proprietary PVS/PEGME coupled Enzyme Technology		Immunoturbidimetric Assay		
Traceability	NIST Standard Reference 1951b		Denka Seiken Lp(a)-Latex assay and calibrator	WHO International Reference Material	
Method Correlation	R ² = 0.987 regression y = 1.048x - 4.69	R ² = 0.9804 regression y = 1.0883x + 0.6078	R ² = 0.9983 regression y = 0.9895x + 0.0279	R ² = 0.9791 regression y = 0.9127x + 1.7101	R ² = 0.9874 regression y = 0.9875x - 1.803
Precision	Less than 3 CV% Within-Run and Between-Run		Within-Run Precision (S _r) < 3 CV% Within-Laboratory Precision (S _T) < 4 CV%	Within-Run Precision (S _r) < 2 CV% Within-Laboratory Precision (S _T) < 4 CV%	Within-Run Precision (S _r) < 2 CV% Within-Laboratory Precision (S _T) < 5 CV%
On-Board Stability*	8 weeks	8 weeks	4 weeks	4 weeks	4 weeks
Calibration Interval*	2 weeks	2 weeks	2 weeks	21 days	21 days
Calibrator	The same calibrator is used for both HDL and LDL assays		Calibrator set, no serial dilutions are required	The same calibrator are used for both Apo A-1 and Apo B assays	
Sample Type	Serum/Plasma • EDTA • Citrate • Lithium Heparin	Serum/Plasma • EDTA • Citrate	Serum/Plasma • EDTA	Serum	Serum
Sample Volume	3 µL		6 µL	2 µL	
Assay Range	Linear from 1.06 to 184.8 mg/dL	Linear from 4.4 to 250 mg/dL	Linear from 5.44 to 100 mg/dL	Linear from 1.44 to 250.8 mg/dL in serum	Linear from 3.60 to 240 mg/dL in serum
Instrument Specific Packaging	Beckman • Synchron • AU series Roche • Hitachi	Beckman • Synchron • AU series Roche • Hitachi	Beckman • Synchron • AU series Siemens • Dimension/Flex Roche • Hitachi	Universal kit packaging	
Regulatory Status	• 510 (k) Cleared • CE	• 510 (k) Cleared • CE	• 510 (k) Cleared • CE • Health Canada	• 510 (k) Cleared • CE	

*Analyzer Dependent



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