

THE CHOICE FOR LIPOPROTEIN ASSAYS THAT HIT THE MARK EVERY TIME



- Outstanding accuracy and precision
- Low cost per test
- Extensive range of instrument parameters
- Packaging options for labs of all sizes
- Traceable to NIST/WHO standards¹
- 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 EnzymeTechnology		Immunoturbidimetric Assay		
Traceability¹	NIST Standard Reference 1951b		Traceable to Predicate	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 = 0.9789 regression y = 0.91x + 2.813	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) < 1 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	8 weeks	7 weeks
Calibrator & Controls	The same calibrator is used for both HDL and LDL assays		Diazyme offers both Lyophilized and Liquid stable Calibrator and Controls	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 Siemens • Dimension	Beckman • Synchron • AU series Roche • Hitachi Siemens • Dimension	Beckman • Synchron • AU series 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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