

THE CHOICE FOR LIPOPROTEIN

Cardiovascular
Marker

DIAZYME'S LIPOPROTEIN ASSAYS

HDL | LDL | Lp(a) | Apo A-1 | Apo B

- Immunoturbidimetric method
- Liquid ready-to-use reagents
- Excellent accuracy and precision
- Low cost per test
- Wide dynamic range
- Wide range of instrument parameters available for simplifying implementation



	HDL	LDL	Lp(a)	Apo A-1	Apo B
Method	Proprietary PVS/PEGME coupled EnzymeTechnology		Immunoturbidimetric Assay		
Traceability	NIST Standard Reference 1951c		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 = 0.9868 regression y = 0.9828x + 1.0033	R ² = 0.9789 regression y = 0.91x + 2.813	R ² = 0.9874 regression y = 0.9875x – 1.803
Precision	Within-Run Precision (S _r) ≤ 1.1 %CV Between-Run Precision (S _r) ≤ 3.7 %CV	Within-Run Precision (S _r) ≤ 1.1 %CV Between-Run Precision (S _r) ≤ 1.6 %CV	Within-Run Precision (S _r) ≤ 3.7 %CV Between-Run Precision (S _r) ≤ 2.3 %CV	Within-Run Precision (S _r) ≤ 0.9 %CV Within-Laboratory Precision (S _r) ≤ 3.3 %CV	Within-Run Precision (S _r) ≤ 1.4 %CV Within-Laboratory Precision (S _r) ≤ 4.8 %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		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 • K ₂ EDTA • Lithium Heparin	Serum	Serum
Sample Volume*	3 µL	3 µL	4 µL	2 µL	2 µL
Linearity	1.06 to 184.8 mg/dL	4.4 to 250 mg/dL	5.4 to 100 mg/dL	1.44 to 250.8 mg/dL in serum	3.60 to 240 mg/dL in serum
Regulatory Status	• 510(k) Cleared • CE	• 510(k) Cleared • CE	• 510(k) Cleared • CE • Health Canda Registered	• 510(k) Cleared • CE	

*Analyzer Dependent

DIAZYME LABORATORIES, INC.

12889 Gregg Court, Poway, CA 92064 USA
PO Box 85608, San Diego, CA 92186 USA
Tel: +1-858-455-4768 +1-888-DIAZYME
www.diazyme.com sales@diazyme.com

DIAZYME EUROPE GMBH

Zum Windkanal 21, 01109 Dresden, Germany
Tel: +49-351-886-3300 Fax: +49-351-886-3366
sales@diazyme.de

DIAZYME SHANGHAI CO., LTD.

Room 201,1011 Halei Road, Zhangjiang Hi-tech Park
Shanghai, 201203, People's Republic of China
Tel: +86-21-51320668 Fax: +86-21-51320663
www.lanyuanbio.com service@lanyuanbio.com

