

HEART-TYPE FATTY ACID-BINDING PROTEIN (H-FABP) ASSAY

Dual Vial Liquid Stable

Diazyme's Heart-Type Fatty Acid-Binding Protein (H-FABP) Assay is a cost effective latex enhanced immunoturbidimetric assay ideal for rapid results on a wide range of automated clinical chemistry analyzers. The Heart-Type Fatty Acid-Binding Protein (H-FABP) Assay is for the determination of Heart-Type Fatty Acid-Binding Protein concentration in serum or lithium-heparin plasma samples.

DIAZYME H-FABP ASSAY ADVANTAGES

- Fast test results (10 minutes) for a rapid turnaround time
- Wide range of instrument parameters available for facilitating and simplifying implementation
- Liquid stable format requires no reagent preparation saving time and reducing sample handling

REGULATORY STATUS

USA: For Research Use Only



AVAILABLE INSTRUMENT SPECIFIC PACKAGING

- Roche
- Hitachi



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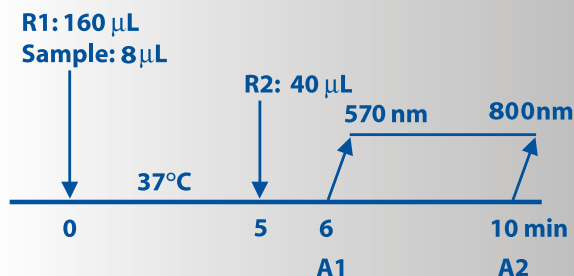
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ASSAY SPECIFICATIONS

Method	Latex Enhanced Immunoturbidimetric
Sample Type & Volume	<ul style="list-style-type: none">• Serum• Lithium Heparin Plasma Sample Volume 8 μ L
Method Correlation	Deming Regression: N = 67 y-intercept = 0.5189 Slope = 1.05 R ² = 0.9987 Samples Ranged From: 0.68 to 107.07 ng/mL
Linearity	Up to 120.0 ng/mL on Hitachi 917
LOD LOB LOQ	0.00 ng/mL 0.24 ng/mL 0.74 ng/mL
Calibration Levels	6-Point Calibration
On-Board Stability	Opened: Up to 30 days on board analyzer

H-FABP Assay Procedure*



*Analyzer Dependent

For a list of validated parameters please contact Diazyme technical support at 858-455-4768 or email support@diazyme.com

ASSAY PRECISION

Performance studies were conducted using the Hitachi 917 automated chemistry analyzer

	Level 1	Level 2	Level 3
N	20	20	20
Mean	4.65	32.24	5.09
SD	0.12	0.25	0.18
CV%	2.56%	0.77%	3.63%

ASSAY INTERFERENCE

The common serum interfering substances hemoglobin, bilirubin, and triglyceride showed less than 10% interference up to the concentrations summarized below.

Hemoglobin:	1000 mg/dL
Bilirubin:	40 mg/dL
Conjugated Bilirubin:	40 mg/dL
Ascorbate:	176 mg/dL
Triglyceride:	1000 mg/dL
Rheumatoid Factor:	50 IU/mL

DIAZYME LABORATORIES, INC.

12889 Gregg Court, Poway, CA 92064
PO Box 85608, San Diego, CA 92186
Tel: 858-455-4768 888-DIAZYME

www.diazyme.com sales@diazyme.com

DIAZYME EUROPE GMBH

Zum Windkanal 21, 01109 Dresden, Deutschland
Tel. +49 (0) 351 886 3300 Fax +49 (0) 351 886 3366
sales@diazyme.de

SHANGHAI DIAZYME CO., LTD.

Room 201, 1011 Halei Road, Zhangjiang Hi-tech Park
Shanghai, 201203, People's Republic of China
Tel: 086-21-51320668 Fax: 086-21-51320663
www.lanyuanbio.com service@lanyuanbio.com

