

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 assay is a robust method that provides an ideal blend of analytical performance combined with liquid stable convenience. Recent clinical studies suggest that H-FABP may be a helpful early biochemical marker of myocardial necrosis in patients with acute coronary syndrome. The test is a welcome addition to Diazyme's wide range of emerging cardiovascular markers including Lp-PLA₂, MPO and Cardiac Troponin I.

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

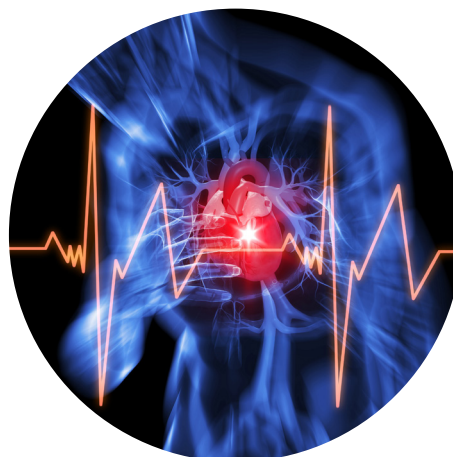
REGULATORY STATUS

USA: For Research Use Only



AVAILABLE INSTRUMENT SPECIFIC PACKAGING

- Roche
- Hitachi



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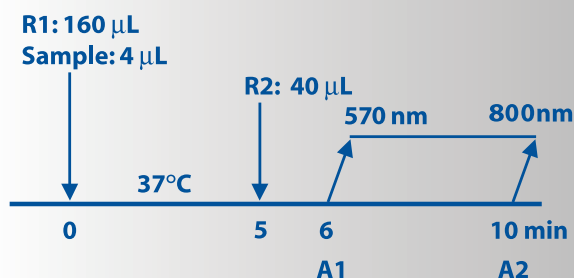
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ASSAY SPECIFICATIONS

Method	Latex Enhanced Immunoturbidimetric
Sample Type & Volume	<ul style="list-style-type: none">• Serum• Lithium Heparin Plasma Sample Volume 4 μ L
Method Correlation	Deming Regression: N = 44 y-intercept = 0.5189 Slope = 1.05 R ² = 0.9945 Samples Ranged From: 0.68 to 121.7 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	5-Point Calibration
On-Board Stability	Opened: Up to 30 days on board analyzer

H-FABP Assay Procedure*



*Analyzer Dependent

Parameter questions for H-FABP Assay should be addressed to Diazyme technical support. Please call 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



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