

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



Cardiovascular
Marker

Diazyme's Heart-Type Fatty Acid-Binding Protein (H-FABP) Assay is a cost effective latex immunoturbidimetric assay ideal for rapid results on a wide range of automated clinical chemistry analyzers. The 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

- Latex Enhanced Immunoturbidimetric Method
- Wide Measuring Range: 0.74 to 120 ng/mL
- Fast test results (10 minutes) for a rapid turnaround time
- Liquid stable format requires no reagent preparation
- Wide range of instrument parameters available for simplifying implementation

REGULATORY STATUS

EU:  

SKU For Export Only. Not for Distribution in the USA.

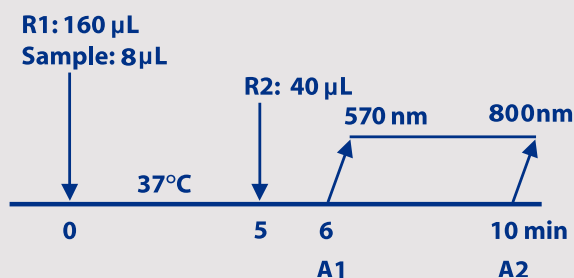
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Dual Vial
Liquid Stable

ASSAY SPECIFICATIONS

Method	Latex Enhanced Immunoturbidimetric
Sample Type & Volume	- Serum - Lithium Heparin Plasma Sample Volume 8 μL
Method Correlation	Deming Regression: N = 67 y-intercept = 0.5189 Slope = 1.05 R² = 0.9987 Sample Range: 0.68 to 107.07 ng/mL
Linearity	Up to 120.0 ng/mL on Hitachi 917
LOB LOD LOQ	0.00 ng/mL 0.24 ng/mL 0.74 ng/mL
Calibration Levels	6-Point Calibration
Reagent On-Board Stability	Opened: Up to 30 days when stored at 2-8°C

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 (ng/mL)	4.65	32.24	5.09
SD (ng/mL)	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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