

# 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.

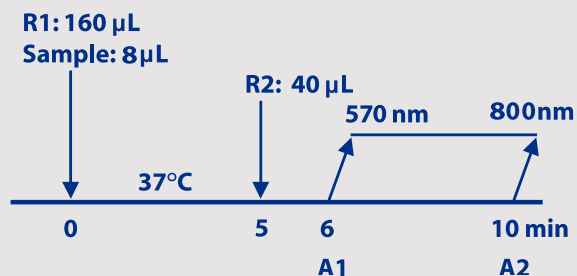
# HEART-TYPE FATTY ACID-BINDING PROTEIN (H-FABP) ASSAY

Dual Vial  
Liquid Stable

## ASSAY SPECIFICATIONS

<b>Method</b>	Latex Enhanced Immunoturbidimetric
<b>Sample Type &amp; Volume</b>	<ul style="list-style-type: none"> <li>Serum</li> <li>Lithium Heparin Plasma</li> </ul> <p>Sample Volume 8 <math>\mu</math>L</p>
<b>Method Correlation</b>	<p>Deming Regression: N = 67 y-intercept = 0.5189 Slope = 1.05 R<sup>2</sup> = 0.9987</p> <p>Sample Range: 0.68 to 107.07 ng/mL</p>
<b>Linearity</b>	Up to 120.0 ng/mL on Hitachi 917
<b>LOB LOD LOQ</b>	<p>0.00 ng/mL</p> <p>0.24 ng/mL</p> <p>0.74 ng/mL</p>
<b>Calibration Levels</b>	6-Point Calibration
<b>Reagent On-Board Stability</b>	<p>Opened: Up to 30 days when stored at 2-8°C</p>

### 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](mailto:support@diazyme.com)

## ASSAY PRECISION

Performance studies were conducted using the Hitachi 917 automated chemistry analyzer

	Level 1	Level 2	Level 3
<b>N</b>	20	20	20
<b>Mean (ng/mL)</b>	4.65	32.24	5.09
<b>SD (ng/mL)</b>	0.12	0.25	0.18
<b>CV (%)</b>	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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