



HIGH SENSITIVITY CRP (hsCRP) ASSAY KIT

LIQUID STABLE ASSAY

510k Cleared 

OUTSTANDING ANALYTICAL SENSITIVITY AND PRECISION

- Diazyme's hsCRP assay kit provides an ideal blend of analytical performance features for accurate and reliable testing in the high sensitivity range
- Outstanding limit of detection (LOD) and precision

UNCOMPROMISING QUALITY

- Traceable to the International Federation of Clinical Chemistry (IFCC) International Reference Preparation for Plasma Proteins
- Four level calibrator set is available for use with the assay

CONVENIENT, COST EFFECTIVE AND FLEXIBLE

- Compatible with most major families of instruments
 - o Roche
 - o Beckman
 - o Abbott





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LIQUID STABLE ASSAY

High Sensitivity C Reactive Protein (hsCRP)

Method	Latex enhanced immunoturbidimetric assay
Traceability	Traceable to IFCC International Reference Preparation for Plasma Proteins certified by the Bureau of Reference of the European Community
Method Correlation to Predicate	<ul style="list-style-type: none"> • N = 57 • R² = 0.990 • Slope = 1.01 • y Intercept = 0.0196
On Board Stability*	Two Weeks
Calibration	Four Level Set
Sample Type	<ul style="list-style-type: none"> • Serum • Plasma <ul style="list-style-type: none"> - Heparin - EDTA
Sample Volume	5 µL
Assay Range	0.2 mg/L to 20.0 mg/L

Assay Method



*Analyzer Dependent

Parameter questions for hsCRP assay should be addressed to Diazyme technical support. Please call 858.455.4768 or email support@diazyme.com

DYNAMIC TEST RANGE

- Ideal for accurate and reliable testing in the high sensitivity range

CONVENIENT AND FLEXIBLE

- Choice of serum or plasma testing
- Stable Liquid with a variety of instrument parameters

SERUM SAMPLES SHOW LESS THAN 10% VARIANCE

- Rheumatoid Factor to 400 IU/mL
- Triglyceride to 1000 mg/dL
- Ascorbic Acid to 176 mg/L
- Bilirubin and Bilirubin Conjugate to 40 mg/dL

HIGHLY PRECISE RESULTS

Within-Run Precision

	Level 1:	Level 2:	Level 3:	Serum	Serum
N	80	80	80	80	20*
Mean	0.85	1.75	8.62	3.62	15.56
SD	0.03	0.03	0.06	0.05	0.19
CV%	4.0%	1.7%	0.7%	1.4%	1.2%

Total Precision

	Level 1:	Level 2:	Level 3:	Serum	Serum
N	80	80	80	80	20*
Mean	0.85	1.75	8.62	3.62	15.56
SD	0.04	0.05	0.12	0.09	0.24
CV%	4.2%	2.6%	1.4%	2.4%	1.6%

*Sample was tested on Hitachi 917 over 5 days with 2 runs per day

DIAZYME LABORATORIES

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