

## SPECIFICATION SHEET

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** A97201H **Lot #:** 1A00913

**Description:** CRP Antigen Grade  
Human C-Reactive Protein (CRP) Antigen Grade  
  
Reactive with monospecific Goat anti Human CRP antibody.

**Source:** Human Fluids

**Format:** Purified, Liquid

**Purification:** > 95% pure (SDS-PAGE (Non-Reduced)): Single Band @ 21 kDa).  
IEP against Goat anti Human whole serum: No Visible Bands.  
Product is 0.2 µm filtered.

**Concentration:** Specific Protein: 3.03 mg/mL (RID using Behring Standard).  
Total Protein: 3.01 mg/mL (OD280nm,  $E^{0.1\%} = 1.7$ )

**Buffer:** 0.1 M Tris, 0.2 M Sodium Chloride, pH 7.5 ± 0.2 containing 2 mM CaCl<sub>2</sub>.

**Preservative:** 0.1% Sodium Azide

**Applications:** Specific methodologies have not been tested using this product.

**Storage:** Short-term store at 2–8°C. Long term store at -20°C. Avoid multiple freeze/thaw cycles.

**Inactivation:** Not Applicable

**Warnings:** This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1–1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

All human source materials have tested negative for HIV 1, HIV 2, HBsAg, and HCV by FDA approved tests. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious.

**References:** The reference listed below is for research purposes only:  
Heuertz R.M., et al., (1999), "C-reactive Protein Inhibits Chemotactic Peptide-induced p38 Mitogen-activated Protein Kinase Activity and Human Neutrophil Movement", J Biol. Chem.

\_\_\_\_\_, 274(25): 17968-17974.

**FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.**