# Human C-Reactive Protein

**Catalog No.** 8000

**Purity** ≥98% by SDS PAGE: Single ~21 kDa band under reducing conditions

**Concentration** 2-4 mg/ml (radial immunodiffusion)

**Buffer** 100 mM TrisCl (pH 7.5), 200 mM NaCl, 2 mM CaCl$_2$, 0.10% NaN$_3$

**Storage** 2-8°C (≤4 months) -20 to -70°C long term. Avoid repeated freeze-thaws.

**Source** Human fluids

**Use Statement** For research purposes only

C-Reactive protein (CRP) is a pentameric serum protein belonging to the pentraxin family that is comprised of five identical ~21 kDa subunits. It is a positive acute phase reactant, the levels of which can increase in excess of 100-fold in response to inflammation, tissue injury or disease.

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