

Life Diagnostics, Inc.

610-431-7707 • Fax: 610-431-7818

Info@lifediagnostics.com • www.lifediagnostics.com

Dog C-Reactive Protein

Catalog No.	8101-L
Analysis	SDS PAGE: ~20 kDa doublet on Laemmli reducing gels.
Purity	≥95%
Size	1 mg / vial
Format	Lyophilized from 0.20 ml of a 5 mg/ml solution of CRP in 100 mM Tris.Cl (pH 7.5), 200 mM NaCl, 2 mM CaCl ₂ , 0.05% NaN ₃ .
Storage	-20 °C prior to reconstitution ¹ . After reconstitution it should be aliquoted and stored at or below -20°C (avoid repeated freeze-thaws).
Reconstitution	Reconstitute with 0.20 ml of water. If dilution is required, use 100 mM Tris.Cl (pH 7.5), 200 mM NaCl, 2 mM CaCl ₂ , 0.05% NaN ₃ .

Dog C-Reactive protein (CRP) is a pentameric serum protein belonging to the pentraxin family that is comprised of five ~20 kDa subunits, two of which are glycosylated. It is a positive acute phase reactant, the levels of which increase significantly in dogs (> 10-fold) in response to inflammation, tissue injury or disease. CRP is purified at Life Diagnostics by multiple affinity chromatography steps.

P.O. Box 5205 • West Chester PA 19380 • USA

¹ Lyophilized Dog CRP is stable for at least 3 weeks at room temperature.