

# ***Life Diagnostics, Inc.***

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## ***Dog C-Reactive Protein***

Catalog No.	8101
Analysis	SDS PAGE: ~20 kDa doublet on Laemmli reducing gels.  Western blot: Both ~20 kDa bands strongly reactive with goat anti dog CRP.
Purity	≥95%
Concentration	0.5 - 4 mg/ml
Buffer	50 mM TrisCl (pH 7.5), 200 mM NaCl, 2 mM calcium chloride, 0.05% sodium azide
Storage	-20 to -70°C. Avoid repeated freeze-thaws
Source	Dog acute phase serum

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 using multiple affinity chromatography steps.

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