

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

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## ***Bovine C-Reactive Protein***

Catalog No.	8105
Analysis	SDS PAGE: ~22 kDa band on Laemmli reducing gels.
Purity	≥95%
Concentration	1-10 mg/ml (E <sup>1%</sup> @ 280nm = 19.59)
Buffer	10 mM Tris.Cl (pH 8.0), 150 mM NaCl, 1 mM EDTA, 0.09% sodium azide
Storage	-20 to -70°C. Avoid repeated freeze-thaws
Source	Cow serum

Bovine C-Reactive protein (CRP) is a pentameric serum protein belonging to the pentraxin family that is comprised of five ~20 kDa subunits. It is purified at Life Diagnostics by affinity chromatography. CRP is a positive acute phase reactant in cows. Its levels can increase by 10-fold as a result of disease.

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