



Certificate of Analysis

EXCELLENT **CUSTOMER CARE** IS AND CONTINUES TO BE THE CORE PHILOSOPHY OF INNOVATIVE RESEARCH. OUR **COMMITMENT** TO OUR CUSTOMERS IS REFLECTED IN HOW WE HAVE BUILT OUR NETWORK, THE PRODUCT RANGE WE OFFER, THE SERVICES WE PROVIDE AND HOW QUICKLY WE RESPOND TO CUSTOMERS' FEEDBACK.

Product:	C-REACTIVE PROTEIN, Human (CRP)
Lot Number:	Sample
Number of Units:	Sample
Volume of Units:	Sample
Storage:	2-8°
Form:	Liquid solution in 0.05M Tris buffer containing 0.25M NaCl
Protein Conc:	Typically >1 mg/ml
Molecular Weight:	Approx. 115,000
Purity:	>98% by SDS Page

C-Reactive Protein (CRP) is a pentameric serum protein belonging to the pentraxin family that is comprised of five identical ~ 23kDa subunits. It is a positive acute phase reactant, the levels of which increase modestly in humans in response to inflammation, tissue injury or disease. CRP is purified using multiple affinity chromatography steps.

Human C-Reactive protein is a member of the class of acute phase reactants as its levels rise dramatically during inflammatory processes occurring in the body. Human C-reactive Protein (CRP) is thought to assist in complement binding to foreign and damaged cells and affect the humoral response to disease.