



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, Rat
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 > 0.5 mg protein /ml
Molecular Weight:	Approx. 115,000
Purity:	>96% 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 rats (1.5-2 fold) in response to inflammation, tissue injury or disease. CRP is purified using multiple affinity chromatography steps.

C-Reactive Protein CRP research: C-reactive protein is associated with polymorphisms of the angiotensin-converting enzyme gene in major depressed patients. C-Reactive Protein CRP ref:Journal of Psychiatric Research, Volume 42, Issue 2, January 2008, Pages 163-165