



ANOGEN - A Division of YES Biotech Laboratories Ltd.

2355 Derry Road East, Unit 23, Mississauga, ON, Canada L5S 1V6 • Tel: (905) 677-9221 • Fax: (905) 677-0023

HRP Conjugated Goat Anti-Human CRP Polyclonal Antibody Datasheet

Product Name: HRP conjugated pAb anti-human CRP		Catalogue No.: AI-20009P	Quantity: 0.2 mL/vial
Description:	HRP conjugated goat polyclonal antibody to human C reactive protein (CRP)	Applications: ELISA: In combination with CRP capture antibody [Clone 63F4, Cat No: MO-M40023A], this HRP conjugated antibody can be used as tracer in Sandwich ELISA for CRP detection.	drops to normal level when the conditions no longer present. CRP plays a role in innate immunity by binding to phosphocholin on the surface of damaged cells or certain microbes, and activating the C1q complex in complement system. CRP is primarily produced by hepatocytes under the stimulation by inflammatory cytokines including IL-6 and TNF-alpha. Elevated CRP level is implicated with bacterial infection, autoimmune diseases, trauma and post-surgical complications. Study has shown that people with higher CRP baseline have a higher disposition to develop cardiovascular diseases such as heart attack and stroke.
Purification:	Protein G affinity purified		
Product Type:	Tracer antibody in matched antibody pair, HRP conjugated		
Target Protein:	Human CRP		
Immunogen:	Purified CRP from human pleural fluid		
Specificity:	No detectable cross-reaction with human normal serum proteins.		
Species Reactivity:	Human, others not tested		
Host	Goat		
Storage Buffer Formulation:	Mixture of 50% glycerol and 50% PH7.2 0.01M PBS. Final PH = 7.0 ± 0.1.		
Storage:	Store at -20°C		
Research Area:	Inflammatory and cardiovascular diseases	References:	If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.
Background:	C –reactive protein (CRP) is an acute phase protein that is comprised of five identical 23kDa subunits. The protein increases rapidly in response to inflammation, trauma and infection, and		

This product is for **LABORATORY RESEARCH USE** and further manufacture **ONLY**, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

Manufactured by ANOGEN - A Division of YES Biotech Laboratories Ltd.