

Datasheet for ABIN6720138

CRP ELISA Kit[Go to Product page](#)**1** Image

Overview

Quantity:	1 kit
Target:	CRP
Reactivity:	Rat
Method Type:	Sandwich ELISA
Detection Range:	156 pg/mL - 10000 pg/mL
Minimum Detection Limit:	156 pg/mL
Application:	ELISA

Product Details

Purpose:	Rat CRP Sandwich ELISA Kit for Quantitative Detection
Brand:	AccuSignal™
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Production: Natural and recombinant rat CRP. There is no detectable cross-reactivity with other relevant proteins.
Sensitivity:	< 10 pg/mL
Components:	<ul style="list-style-type: none">• Antibody-coated 96-well plate• Target Protein Standard• Detection antibody

Product Details

- Detection reagent
- Diluent buffers
- Wash buffers
- Substrate Solution
- Stop solutions
- Adhesive covers

Target Details

Target:	CRP
Alternative Name:	CRP (CRP Products)
Background:	<p>Synonyms: C reactive protein pentraxin related, C-reactive protein, C-reactive protein(1-205), CRP, CRP_HUMAN, MGC149895, MGC88244, Pentraxin 1, Pentraxin 1 short, PTX 1, PTX1</p> <p>Background: C Reactive Protein(CRP) is a major acute phase reactant synthesized primarily in the liver hepatocytes. It is composed of 5 identical, 21,500-molecular weight subunits. CRP mediates activities associated with preimmune nonspecific host resistance. CRP shows the strongest association with cardiovascular events. It is detectable on the surface of about 4 % of normal peripheral blood lymphocytes. Acute phase reactant CRP is produced in the liver.</p>
Gene ID:	25419
NCBI Accession:	NP_058792
UniProt:	P48199
Pathways:	Carbohydrate Homeostasis

Application Details

Application Notes:	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 10000pg/mL, 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL, 312pg/mL, 156pg/mL rat CRP standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of rat cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each rat CRP standard solution and each sample be measured in duplicate.
Comment:	Standard: Expression system for standard: NSO, Immunogen sequence: H20-S230
Sample Volume:	100 µL
Plate:	Pre-coated

Application Details

Restrictions: For Research Use only

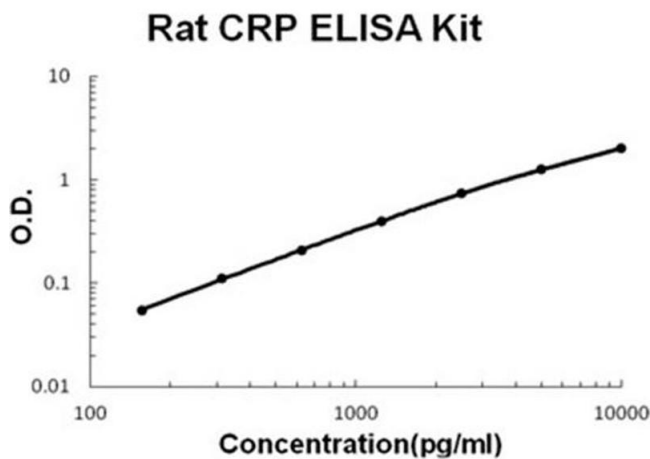
Handling

Storage: 4 °C,-20 °C

Storage Comment: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.

Expiry Date: 12 months

Images



ELISA

Image 1. Rat CRP Accusignal ELISA Kit Rat CRP AccuSignal ELISA Kit standard curve. Assay Range: 156pg/ml-10000pg/ml. Sensitivity: <10pg/ml.