

Datasheet: 1707-2029

Description:	NATIVE HUMAN C-REACTIVE PROTEIN
Name:	C-REACTIVE PROTEIN
Other names:	CRP
Format:	Purified
Product Type:	Purified Protein
Quantity:	1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	■			
Western Blotting			■	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Human
Product Form	Purified C-reactive Protein - liquid
Preparation	Purified protein prepared by affinity chromatography on CH-Sepharose and hydroxylapatite
Buffer Solution	TRIS buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	Total protein concentration 1.0 mg/ml
External Database Links	<p>UniProt: P02741 Related reagents</p> <p>Entrez Gene: 1401 CRP Related reagents</p>
Synonyms	PTX1

Product Information **Human C-reactive protein** is a sterile filtered preparation derived from pleural ascites. C-reactive protein is an acute phase protein produced by the liver, a marker of inflammation and useful for

monitoring and predicting coronary artery disease.

Molecular Weight	1707-2029 may exist as a 140 kDa pentamer under native conditions or as a 26 kDa monomer under reduced conditions.
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Purity	>98% by SDS PAGE
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References	<ol style="list-style-type: none">1. Tomita, S. <i>et al.</i> (2016) Artificial Modification of an Enzyme for Construction of Cross-Reactive Polyion Complexes To Fingerprint Signatures of Proteins and Mammalian Cells. Anal Chem. 88 (18): 9079-86.2. Zheng, Y. & Demarco M. (2017) Manipulating trypsin digestion conditions to accelerate proteolysis and simplify digestion workflows in development of protein mass spectrometric assays for the clinical laboratory Clinical Mass Spectrometry. [Epub ahead of print].
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Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted.
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Shelf Life	Please see label for expiry date.
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Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet documentation #10327 available at https://www.bio-rad-antibodies.com/uploads/MSDS/10327.pdf Donor material tested and found negative for HBsAg, HCV, and HIV1 and 2 antibodies. As no test can completely guarantee this material to be free of pathogens it should be handled as potentially infectious.
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Regulatory	For research purposes only
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