

## Datasheet: 1707-2029

<b>Description:</b>	NATIVE HUMAN C-REACTIVE PROTEIN
<b>Name:</b>	C-REACTIVE PROTEIN
<b>Other names:</b>	CRP
<b>Format:</b>	Purified
<b>Product Type:</b>	Purified Protein
<b>Quantity:</b>	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](http://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 appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified C-reactive Protein - liquid
<b>Preparation</b>	Purified protein prepared by affinity chromatography on CH-Sepharose and hydroxylapatite
<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative Stabilisers</b>	0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	Total protein concentration 1.0 mg/ml
<b>External Database Links</b>	<b>UniProt:</b> <a href="https://www.uniprot.org/uniprot/P02741">P02741</a> <a href="#">Related reagents</a>

**Entrez Gene:**[1401](#) CRP [Related reagents](#)

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<b>Synonyms</b>	PTX1
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<b>Product Information</b>	<b>Human C-reactive protein</b> 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.
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<b>Protein Molecular Weight</b>	May exist as a 140 kDa pentamer under native conditions or as a 26 kDa monomer under reduced conditions
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<b>Purity</b>	>98% by SDS PAGE
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<b>References</b>	<ol style="list-style-type: none"><li>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. <a href="#">Anal Chem. 88 (18): 9079-86.</a></li><li>2. Zheng, Y. &amp; 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 <a href="#">Clinical Mass Spectrometry. [Epub ahead of print].</a></li></ol>
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<b>Storage</b>	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted.
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<b>Guarantee</b>	Guaranteed until date of expiry. Please see product label.
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10327 available at: 10327: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10327.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10327.pdf</a>  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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<b>Regulatory</b>	For research purposes only
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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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