

Cat CRP ELISA Kit | CRP elisa kit

Cat CRP ELISA Kit

CATALOG # AAA76898	REACTIVITY Cat
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PRODUCT SYNONYMS

CRP; Cat CRP ELISA Kit; Cat CRP; CRP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Cat
Assay Type	Sandwich
Samples	Cat biological samples
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for CRP elisa kit	Principle of the Assay: The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the C-Reactive Protein (CRP) present in samples reacts with the anti-CRP antibodies, which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, anti-CRP antibodies conjugated with horseradish peroxidase (HRP) are added. These enzyme-labeled antibodies form complexes with the previously bound CRP. Following another washing step, the enzyme bound to the immunosorbent is assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of CRP in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of CRP in the test sample. The quantity of CRP in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution. Intended Uses: The CRP test kit is a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring CRP in cat biological samples. If the ELISA is to be used outside the intended use, the user may need to optimize for said use.
Product Categories/Family for CRP elisa kit	ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	17975775
NCBI GeneID	1401
UniProt Accession #	P02741 ; Q08AK3 ; Q8WW75 ; A8K078 ; D3DVD9 ; D3DVE0 ; Q5VVP7
Molecular Weight	25,039 Da
NCBI Official Full Name	CRP
NCBI Official Synonym Full Names	C-reactive protein, pentraxin-related
NCBI Official Symbol	CRP
NCBI Official Synonym Symbols	PTX1; MGC88244; MGC149895
NCBI Protein Information	C-reactive protein; pentraxin 1; OTTHUMP00000033307

UniProt Protein Name	C-reactive protein
UniProt Gene Name	CRP
UniProt Synonym Gene Names	PTX1
UniProt Entry Name	CRP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/cat-elisa-kits/crp/76898>