

Human C4BP ELISA Kit | C4BP elisa kit

Human C4BP (C4 Binding Protein) ELISA Kit

CATALOG #
AAA165182

REACTIVITY
Human

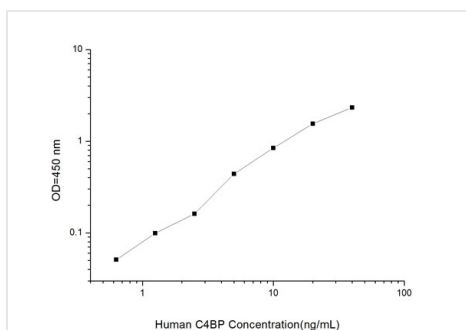
PRODUCT SYNONYMS

C4BP; Human C4BP (C4 Binding Protein) ELISA Kit; C4BP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human C4BP in samples. No significant cross-reactivity or interference between Human C4BP and analogues was observed.
Sequence Length	597
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.63-40ng/mL
Sensitivity	0.38ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human C4BP were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human C4BP were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C4BP elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human C4BP concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human C4BP. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human C4BP and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human C4BP, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human C4BP. You can calculate the concentration of Human C4BP in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502503
NCBI GeneID	722
NCBI Accession #	NP_000706.1
NCBI GenBank Nucleotide #	NM_000715.3
UniProt Accession #	P04003; Q5VVQ8
Molecular Weight	67,033 Da
NCBI Official Full Name	C4b-binding protein alpha chain
NCBI Official Synonym Full Names	complement component 4 binding protein, alpha
NCBI Official Symbol	C4BPA
NCBI Official Synonym Symbols	PRP; C4BP
NCBI Protein Information	C4b-binding protein alpha chain; proline-rich protein
UniProt Protein Name	C4b-binding protein alpha chain
UniProt Gene Name	C4BPA
UniProt Synonym Gene Names	C4BP; C4bp; PRP
UniProt Entry Name	C4BPA_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.