

Human C4BPbeta ELISA Kit | C4BPbeta elisa kit

Human C4BPbeta (C4 Binding Protein Beta) ELISA Kit

CATALOG #
AAA164401

REACTIVITY
Human

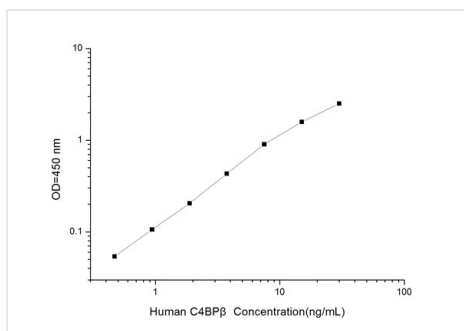
PRODUCT SYNONYMS

C4BPbeta; Human C4BPbeta (C4 Binding Protein Beta) ELISA Kit; C4BPbeta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human C4BPbeta. No significant cross-reactivity or interference between Human C4BPbeta and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human C4BPbeta and all the analogues, therefore, cross reaction may still exist.
Sequence Length	597
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.469-30ng/mL
Sensitivity	Min: 0.281ng/mL; Max: 30ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C4BPbeta elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of C4BPbeta in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human C4BPbeta. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human C4BPbeta and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human C4BPbeta, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid 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 C4BPbeta. You can calculate the concentration of Human C4BPbeta 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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/c4bpbeta/164401>