

Human complement component 4 binding protein, beta ELISA Kit | C4BPB elisa kit

Human C4b-binding protein beta chain, C4BPB ELISA Kit

CATALOG #
AAA112578

REACTIVITY
Human

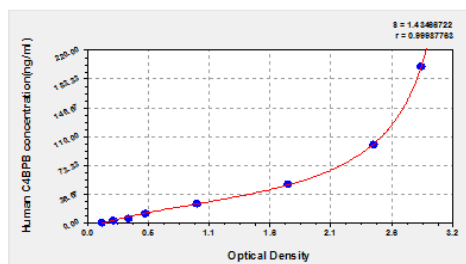
PRODUCT SYNONYMS

complement component 4 binding protein; beta; Human C4b-binding protein beta chain; C4BPB ELISA Kit; Human C4b-binding protein beta chain (C4BPB) ELISA kit; C4BP; C4b binding protein; beta chain; complement component 4-binding protein; C4BPB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human C4BPB. No significant cross-reactivity or interference between human C4BPB and analogues was observed.
Sequence Length	252
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	3.12 ng/ml -200 ng/ml.
Sensitivity	The minimum detectable dose of human C4BPB is typically less than 0.78 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C4BPB elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for C4BPB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any C4BPB present is bound by the immobilized antibody. After removing any unbound substances, a Horseradish Peroxidase (HRP)-conjugated antibody specific for C4BPB is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of C4BPB bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502505
NCBI GeneID	725
NCBI Accession #	NP_000707.1
NCBI GenBank Nucleotide #	NM_000716.3
UniProt Accession #	P20851; Q5VVR0; Q9BS25; A5JYP8; D3DT81
Molecular Weight	28,286 Da
NCBI Official Full Name	C4b-binding protein beta chain isoform 1
NCBI Official Synonym Full Names	complement component 4 binding protein, beta
NCBI Official Symbol	C4BPB
NCBI Official Synonym Symbols	C4BP
NCBI Protein Information	C4b-binding protein beta chain
UniProt Protein Name	C4b-binding protein beta chain
UniProt Gene Name	C4BPB
UniProt Entry Name	C4BPB_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/c4bpb-human-elisa-kits/complement-component-4-binding-protein-beta/112578>