

Human complement component 8, beta polypeptide ELISA Kit | C8B elisa kit

Human Complement component C8 beta chain, C8B ELISA Kit

CATALOG #
AAA112819

REACTIVITY
Human

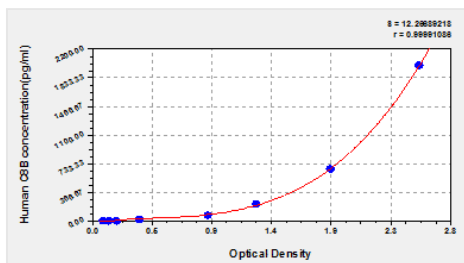
PRODUCT SYNONYMS

complement component 8; beta polypeptide; Human Complement component C8 beta chain; C8B ELISA Kit; Human Complement component C8 beta chain (C8B) ELISA kit; MGC163447; ; C8B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human C8B. No significant cross-reactivity or interference between human C8B and analogues was observed.
Sequence Length	591
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	2.74 pg/ml-2000 pg/ml
Sensitivity	Typically less than 1.37 pg/ml.
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 C8B elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for C8B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any C8B present is bound by the immobilized antibody. After removing any unbound substances, a Horseradish Peroxidase (HRP)-conjugated antibody specific for C8B 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 C8B bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	514239916
NCBI GeneID	732
NCBI Accession #	NP_000057.2
NCBI GenBank Nucleotide #	NM_000066.3
UniProt Accession #	P07358; A1L4K7
Molecular Weight	67,047 Da
NCBI Official Full Name	complement component C8 beta chain isoform 1 preproprotein
NCBI Official Synonym Full Names	complement component 8, beta polypeptide
NCBI Official Symbol	C8B
NCBI Official Synonym Symbols	C82
NCBI Protein Information	complement component C8 beta chain; complement component 8 subunit beta
UniProt Protein Name	Complement component C8 beta chain
UniProt Gene Name	C8B
UniProt Entry Name	CO8B_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://stage.aaabiotech.com/c8b-human-elisa-kits/complement-component-8-beta-polypeptide/112819>