

Human Complement Component 8b ELISA Kit | C8beta elisa kit

Human Complement Component 8b ELISA Kit

CATALOG #
AAA84511

REACTIVITY
Human

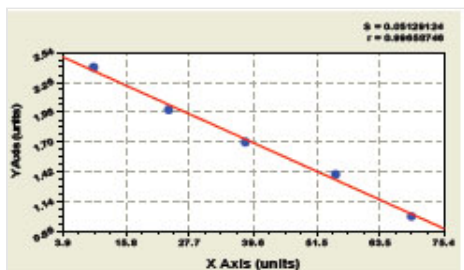
PRODUCT SYNONYMS

Complement Component 8b; Human Complement Component 8b ELISA Kit; C8beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C8beta elisa kit
For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This C8b ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human C8b. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY C8b ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-C8b antibody and an C8b-HRP conjugate. The assay sample and buffer are incubated together with C8b-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the C8b concentration since C8b from samples and C8b-HRP conjugate compete for the anti-C8b antibody binding site. Since the number of sites is limited, as more sites are occupied by C8b from the sample, fewer sites are left to bind C8b-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C8b concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	514239920
NCBI GeneID	732
NCBI Accession #	NP_001265473.1
NCBI GenBank Nucleotide #	NM_001278544.1
Molecular Weight	67,047 Da
NCBI Official Full Name	complement component C8 beta chain isoform 3
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/c8beta-human-elisa-kits/complement-component-8b/84511>