

Human complement component 8, alpha polypeptide ELISA Kit | C8A elisa kit

Human Complement component C8 alpha chain, C8A ELISA Kit

CATALOG #
AAA112681

REACTIVITY
Human

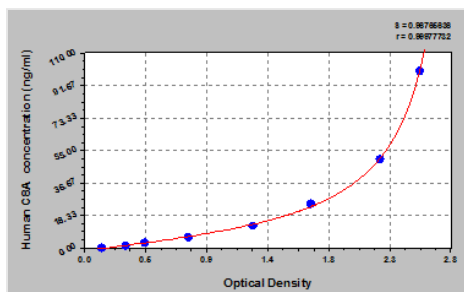
PRODUCT SYNONYMS

complement component 8; alpha polypeptide; Human Complement component C8 alpha chain; C8A ELISA Kit; Human Complement component C8 alpha chain (C8A) ELISA kit; C8A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human C8A. No significant cross-reactivity or interference between human C8A and analogues was observed.
Sequence Length	584
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	1.56 ng/ml-100 ng/ml
Sensitivity	< 0.39 ng/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 C8A elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for C8A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any C8A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for C8A is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of C8A 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 #	4557389
NCBI GeneID	731
NCBI Accession #	NP_000553.1
NCBI GenBank Nucleotide #	NM_000562.2
UniProt Accession #	P07357; Q13668; Q9H130; A2RUI4; A2RUI5
Molecular Weight	65,163 Da
NCBI Official Full Name	complement component C8 alpha chain
NCBI Official Synonym Full Names	complement component 8, alpha polypeptide
NCBI Official Symbol	C8A
NCBI Protein Information	complement component C8 alpha chain; complement component 8 subunit alpha
UniProt Protein Name	Complement component C8 alpha chain
UniProt Gene Name	C8A
UniProt Entry Name	CO8A_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/c8a-human-elisa-kits/complement-component-8-alpha-polypeptide/112681>