

Human Complement fragment 3b, C3b ELISA Kit | C3b elisa kit

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CATALOG #
AAA15177

REACTIVITY
Human

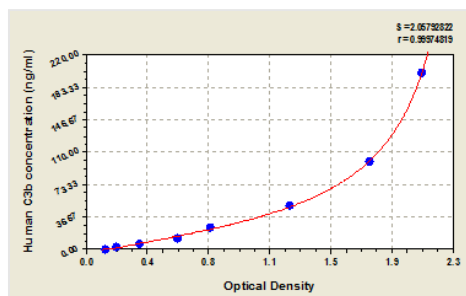
PRODUCT SYNONYMS

Complement fragment 3b; C3b; Human Complement fragment 3b; C3b ELISA Kit; C3b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human C3b. No significant cross-reactivity or interference between human C3b and analogues was observed.
Sequence Length	1651
Samples	Serum, urine, cerebrospinal fluid (CSF), saliva saliva saliva saliva
Detection Range	3.12 ng/ml - 200 ng/mL
Sensitivity	<0.78 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 C3b elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for C3b has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any C3b present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for C3b 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 C3b bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	82524272
NCBI GeneID	30491
NCBI Accession #	NP_571318.1
NCBI GenBank Nucleotide #	NM_131243.1
UniProt Accession #	Q3MU74
Molecular Weight	184,757 Da
NCBI Official Full Name	complement component c3a, duplicate 2
NCBI Official Synonym Full Names	complement component c3a, duplicate 2
NCBI Official Symbol	c3a.2
NCBI Official Synonym Symbols	c3b; C3-1; C3-2
NCBI Protein Information	complement component c3a, duplicate 2; c3.2; complement component c3b; complement component C3-1
UniProt Protein Name	Complement component C3-1
UniProt Gene Name	c3b
UniProt Synonym Gene Names	C3-1
UniProt Entry Name	Q3MU74_DANRE

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/human-elisa-kits/complement-fragment-3b-c3b/15177>