

Human Complement fragment 4b, C4b ELISA Kit | C4b elisa kit

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CATALOG #
AAA15006

REACTIVITY
Human

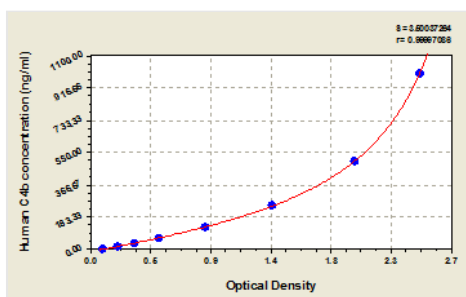
PRODUCT SYNONYMS

Complement fragment 4b; C4b; Human Complement fragment 4b; C4b ELISA Kit; C4b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human C4b. No significant cross-reactivity or interference between human C4b and analogues was observed.
Sequence Length	1744
Samples	Serum, plasma
Assay Type	Quantitative Sandwich
Detection Range	15.6 ng/ml-1000 ng/ml
Sensitivity	<3.9 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 C4b elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for C4b has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any C4b present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for C4b 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 C4b bound in the initial step. The color development is stopped and the intensity of the color is measured.
References	Peptide Patterns as Discriminating Biomarkers in Plasma of Patients With Familial Adenomatous Polyposis . Lisa Agatea, Sara Crotti, Eugenio Ragazzi, Chiara Bedin, Emanuele Urso, Isabella Mammi, Pietro Traldi, Salvatore Pucciarelli, Donato Nitti, Marco Agostini (2015)

NCBI AND UNIPROT INFORMATION

NCBI GI #	178557739
NCBI GeneID	721
NCBI Accession #	NP_001002029.3
NCBI GenBank Nucleotide #	NM_001002029.3
UniProt Accession #	P0C0L5; P01028; P78445; Q13160; Q13906; Q14033; Q14835; Q6U2E9; Q6U2G1; Q6U2I5; Q6U2L1; A2BHY4
Molecular Weight	192,751 Da
NCBI Official Full Name	complement C4-B preproprotein
NCBI Official Synonym Full Names	complement component 4B (Chido blood group)
NCBI Official Symbol	C4B
NCBI Official Synonym Symbols	CH; C4F; CO4; C4B1; C4B2; C4B3; C4B5; C4BD; C4B12; C4B_2; CPAMD3
NCBI Protein Information	complement C4-B; Chido form of C4; complement C4B1a; basic complement C4; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 3
UniProt Protein Name	Complement C4-B
UniProt Gene Name	C4B
UniProt Synonym Gene Names	CO4; CPAMD3 C4B_2
UniProt Entry Name	CO4B_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.