

Mouse Complement C5a ELISA Kit | C5 elisa kit

Mouse Complement C5a PicoKine ELISA Kit

CATALOG #
AAA45983

REACTIVITY
Mouse

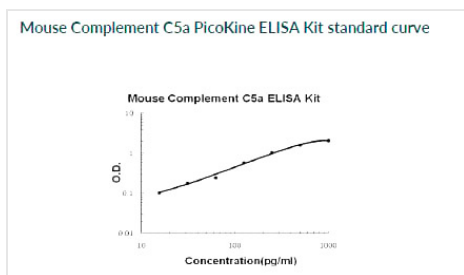
PRODUCT SYNONYMS

Complement C5a; Mouse Complement C5a PicoKine ELISA Kit; Complement C5; complement component 5; anaphylatoxin C5a analog; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 4; C5; CO5_HUMAN; complement C5; Complement C5 alpha chain; Complement component 5; CPAMD4; C5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Bmp10
Sequence Length	1680
Samples	Cell Culture Supernates, Serum And Plasma (Heparin, Edta, Citrate)
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision
Inter-assay Precision	Inter-Assay Precision (Precision accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C5 elisa kit	Principle of the Assay: The Picokine Mouse Bmp10 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Bmp10 with a 96-well strip plate that is pre-coated with antibody specific for Bmp10. The detection antibody is a biotinylated antibody specific for Bmp10. The capture antibody is A monoclonal antibody from rat, the detection antibody is a biotinylated detection polyclonal antibody from goat. The kit contains recombinant Mouse Bmp10 with immunogen: Expression system for standard: NSO, Immunogen sequence: N314-R421. The kit is analytically validated with ready to use reagents. To measure Mouse Bmp10, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Mouse Bmp10 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Bmp10 in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116608
NCBI GeneID	15139
UniProt Accession #	P06684; A2AS36
Molecular Weight	188,878 Da
NCBI Official Full Name	Complement C5
NCBI Official Synonym Full Names	hemolytic complement
NCBI Official Symbol	Hc
NCBI Official Synonym Symbols	C5; He; C5a
NCBI Protein Information	complement C5
UniProt Protein Name	Complement C5
UniProt Gene Name	C5
UniProt Synonym Gene Names	Hc
UniProt Entry Name	CO5_MOUSE

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/c5-mouse-elisa-kits/complement-c5a/45983>