

Rat C1qb (Complement C1q subcomponent subunit B) ELISA Kit | C1qb elisa kit

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CATALOG # AAA250680	REACTIVITY Rat
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PRODUCT SYNONYMS

C1qb (Complement C1q subcomponent subunit B); Rat C1qb (Complement C1q subcomponent subunit B) ELISA Kit; Complement C1q subcomponent subunit B; C1qb; C1qb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of C1qb. No significant cross-reactivity or interference between C1qb and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for C1qb elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9506433
NCBI GeneID	29687
NCBI Accession #	NP_062135.1
NCBI GenBank Nucleotide #	NM_019262.1
UniProt Accession #	P31721
Molecular Weight	26,589 Da
NCBI Official Full Name	complement C1q subcomponent subunit B

NCBI Official Synonym Full Names	complement component 1, q subcomponent, B chain
NCBI Official Symbol	C1qb
NCBI Protein Information	complement C1q subcomponent subunit B; complement component 1, q subcomponent, beta polypeptide
UniProt Protein Name	Complement C1q subcomponent subunit B
UniProt Gene Name	C1qb
UniProt Entry Name	C1QB_RAT

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://www.aaabiotech.com/rat-elisa-kits/c1qb-complement-c1q-subcomponent-subunit-b/250680>