

Mouse Terminal Complement Complex C5b-9 ELISA Kit | TCC C5b-9 elisa kit

Mouse Terminal Complement Complex C5b-9 ELISA Kit

CATALOG #
AAA17384

REACTIVITY
Mouse

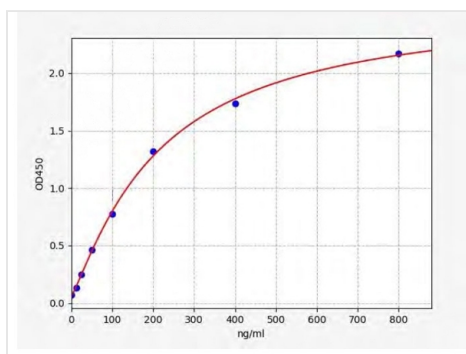
PRODUCT SYNONYMS

Terminal Complement Complex C5b-9; Mouse Terminal Complement Complex C5b-9 ELISA Kit; TCC C5b-9; TCC C5b-9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Specifically recognize TCC C5b-9, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	12.5-800ng/ml
Sensitivity	7.5ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TCC C5b-9 elisa kit	Background: Activation of the complement system leads to the formation of C5b-9 terminal complex, and while C5b-9 can promote cell lysis, the sublytic assembly of C5b-9 on plasma membranes causes an opposite result and induces cell cycle activation and survival. C5b-9 can rescue oligodendrocytes from FAS-mediated apoptosis by regulating caspase-8 processing via PI 3-K signaling. C5b-9 may play a pro-inflammatory role in the acute phase of multiple sclerosis, but may also be neuroprotective during the chronic phase of the disease. Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti TCC C5b-9 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti TCC C5b-9 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with TCC C5b-9 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of TCC C5b-9 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
---	---

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tcc-c5b-9-mouse-elisa-kits/terminal-complement-complex-c5b-9/17384>