

Rat total cholesterol (TC) ELISA Kit | TC elisa kit

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CATALOG #
AAA22349

REACTIVITY
Rat

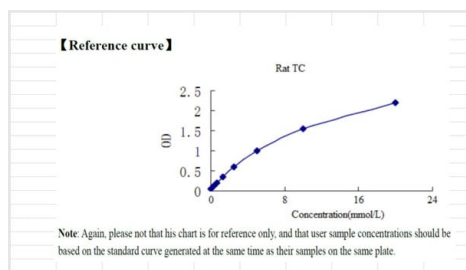
PRODUCT SYNONYMS

total cholesterol (TC); Rat total cholesterol (TC) ELISA Kit; TC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	400
Assay Type	Sandwich
Detection Range	20 mmol/L-0.312 mmol/L
Sensitivity	Up to 0.06 mmol/L
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TC elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat TC monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

296080704

NCBI GeneID	6948
NCBI Accession #	NP_001171655.1
NCBI GenBank Nucleotide #	NM_001184726.1
Molecular Weight	44,421 Da
NCBI Official Full Name	transcobalamin-2 isoform 2
NCBI Official Synonym Full Names	transcobalamin II
NCBI Official Symbol	TCN2
NCBI Official Synonym Symbols	II; TC; TC2; TC-2; TCII; TC II; D22S676; D22S750
NCBI Protein Information	transcobalamin-2; macrocytic anemia; vitamin B12-binding protein 2; transcobalamin II; macrocytic anemia
UniProt Protein Name	Transcobalamin-2
UniProt Gene Name	TCN2
UniProt Synonym Gene Names	TC2; TC-2; TC II; TCII
UniProt Entry Name	TCO2_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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/total-cholesterol-tc/22349>