

Mouse Telomerase reverse transcriptase ELISA Kit | Tert elisa kit

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CATALOG #
AAA57519

REACTIVITY
Mouse

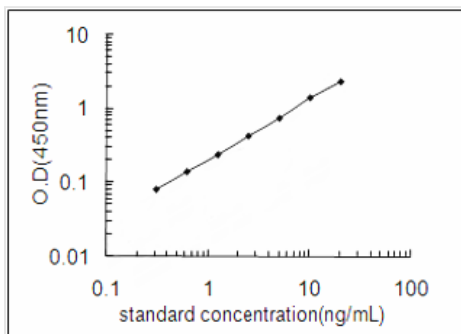
PRODUCT SYNONYMS

Telomerase reverse transcriptase; Mouse Telomerase reverse transcriptase ELISA Kit; Telomerase catalytic subunit; Tert; 2.7.7.49; Tert elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Telomerase reverse transcriptase. No significant cross-reactivity or interference was observed.
Sequence Length	1122
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.156 ng/mL
Intra-Assay CV	<=6.3%
Inter-Assay CV	<=7.7%
Recovery	114%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tert elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Telomerase reverse transcriptase concentrations in serum, Plasma, Urine, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay The microtiter plate provided in this kit has been pre-coated with an antibody specific to Telomerase reverse transcriptase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Telomerase reverse transcriptase and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Telomerase reverse transcriptase, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Telomerase reverse transcriptase in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	O70372
Molecular Weight	127,978 Da

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/tert-mouse-elisa-kits/telomerase-reverse-transcriptase/57519>