

Human telomerase reverse transcriptase ELISA Kit | TERT elisa kit

Human Telomerase reverse transcriptase, TERT ELISA Kit

CATALOG #
AAA113009

REACTIVITY
Human

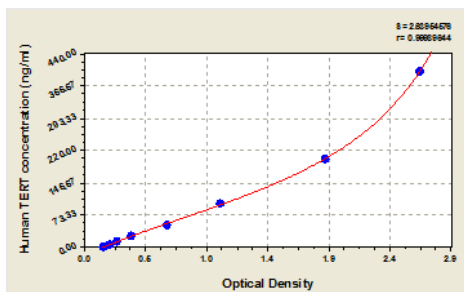
PRODUCT SYNONYMS

telomerase reverse transcriptase; Human Telomerase reverse transcriptase; TERT ELISA Kit; Human Telomerase reverse transcriptase (TERT) ELISA kit; EST2; TCS1; TP2; TRT; hEST2; telomerase catalytic subunit; TERT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human TERT. No significant cross-reactivity or interference between human TERT and analogues was observed.
Sequence Length	1069
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	12.5 ng/ml-800 ng/ml
Sensitivity	< 3.12 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TERT elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TERT has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TERT present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TERT is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TERT bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	301129200
NCBI GeneID	7015
NCBI Accession #	NP_001180305.1
NCBI GenBank Nucleotide #	NM_001193376.1
UniProt Accession #	O14746; O14783; Q2XS35; Q8N6C3; Q8NG38; Q8NG46
Molecular Weight	126,997 Da
NCBI Official Full Name	telomerase reverse transcriptase isoform 2
NCBI Official Synonym Full Names	telomerase reverse transcriptase
NCBI Official Symbol	TERT
NCBI Official Synonym Symbols	TP2; TRT; CMM9; EST2; TCS1; hTERT; DKCA2; DKCB4; hEST2; PFBMFT1
NCBI Protein Information	telomerase reverse transcriptase; telomerase catalytic subunit; telomerase-associated protein 2
UniProt Protein Name	Telomerase reverse transcriptase
UniProt Gene Name	TERT
UniProt Synonym Gene Names	EST2; TCS1; TRT; TP2
UniProt Entry Name	TERT_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://www.aaabiotech.com/tert-human-elisa-kits/telomerase-reverse-transcriptase/113009>