

Human Telomerase reverse transcriptase, TERT ELISA Kit | TERT elisa kit

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CATALOG #
AAA43745

REACTIVITY
Human

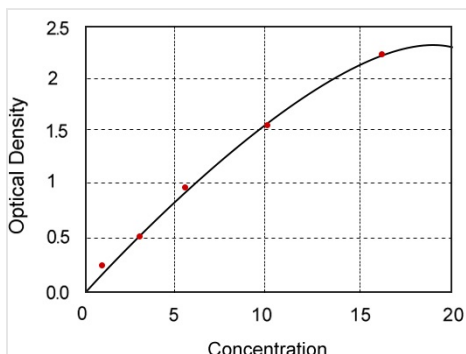
PRODUCT SYNONYMS

Telomerase reverse transcriptase; TERT; Human Telomerase reverse transcriptase; TERT ELISA Kit; TERT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1069
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L - 3500ng/L
Sensitivity	5.21ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TERT elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Telomerase Reverse Transcriptase (also known as TERT) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human TERT antibody. TERT present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human TERT Antibody is added and binds to TERT in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TERT antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human TERT. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22759946
NCBI GeneID	7015
Molecular Weight	90,226 Da
NCBI Official Full Name	telomerase reverse transcriptase
NCBI Official Synonym Full Names	telomerase reverse transcriptase
NCBI Official Symbol	TERT
NCBI Official Synonym Symbols	TP2; TRT; CMM9; EST2; TCS1; hTRT; DKCA2; DKCB4; hEST2; PFBMFT1
NCBI Protein Information	telomerase reverse transcriptase
UniProt Protein Name	Telomerase reverse transcriptase
UniProt Gene Name	TERT
UniProt Synonym Gene Names	EST2; TCS1; TRT; TP2

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/human-elisa-kits/telomerase-reverse-transcriptase-tert/43745>