

Human TERT (Telomerase Reverse Transcriptase) ELISA Kit | TERT elisa kit

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CATALOG #
AAA278390

REACTIVITY
Human

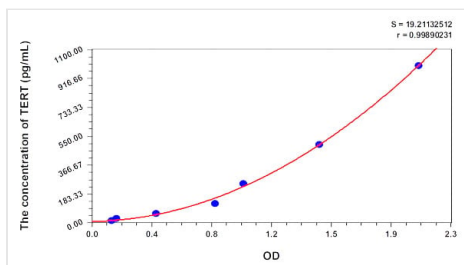
PRODUCT SYNONYMS

TERT (Telomerase Reverse Transcriptase); Human TERT (Telomerase Reverse Transcriptase) ELISA Kit; EST2; TCS1; TP2; TRT; hEST2; Telomerase catalytic subunit; Telomerase-associated protein 2; TERT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Tissue homogenates, cell lysates and other biological fluids
Detection Range	0.32-20ng/mL
Sensitivity	0.11ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TERT elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human TERT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human TERT. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human TERT, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human TERT in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for TERT elisa kit

[Enzyme & Kinase](#); [Tumor immunity](#); [Developmental science](#); [Genetic science](#)

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; 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; hTRT; 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://stage.aaabiotech.com/human-elisa-kits/tert-telomerase-reverse-transcriptase/278390>