

Telomeric repeat-binding factor 1 (TERF1) ELISA Kit | TERF1 elisa kit

Mouse Telomeric repeat-binding factor 1 (TERF1) ELISA Kit

CATALOG # AAA190396	REACTIVITY Mouse (Mus musculus)
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PRODUCT SYNONYMS

Telomeric repeat-binding factor 1 (TERF1); Mouse Telomeric repeat-binding factor 1 (TERF1) ELISA Kit; FLJ41416; PIN2; TRBF1; TRF; TRF1; hTRF1-AS; t-TRF1; telomeric repeat binding factor 1|telomeric repeat binding protein 1; TERF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse (Mus musculus)
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse TERF1. No significant cross-reactivity or interference between Mouse TERF1 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.6 pg/mL - 1000 pg/mL
Sensitivity	7.8 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C. Please refer to Instruction Manual.

ADDITIONAL INFORMATION

Related Product Information for TERF1 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate TERF1 in Mouse serum, plasma, tissue homogenates. An antibody specific for TERF1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TERF1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TERF1 is added to the wells. After washing, Streptavidin 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 TERF1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Mouse Telomeric repeat-binding factor 1 (TERF1) concentration in serum, plasma, tissue homogenates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6678287
NCBI GeneID	21749
NCBI Accession #	NP_033378.1
NCBI GenBank Nucleotide #	NM_009352.3
UniProt Accession #	P70371 ; Q9CY71

Molecular Weight	48,224 Da
NCBI Official Full Name	telomeric repeat-binding factor 1 isoform 1
NCBI Official Synonym Full Names	telomeric repeat binding factor 1
NCBI Official Symbol	Terf1
NCBI Official Synonym Symbols	Pin2; Trf1; Trbf1
NCBI Protein Information	telomeric repeat-binding factor 1; TTAGGG repeat-binding factor 1
UniProt Protein Name	Telomeric repeat-binding factor 1
UniProt Gene Name	Terf1
UniProt Synonym Gene Names	Trf1
UniProt Entry Name	TERF1_MOUSE

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/mouse-mus-musculus-elisa-kits/telomeric-repeat-binding-factor-1-terf1/190396>