

Mouse Telomeric repeat-binding factor 2 (TERF2) ELISA Kit | TERF2 elisa kit

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CATALOG #
AAA245009

REACTIVITY
Mouse

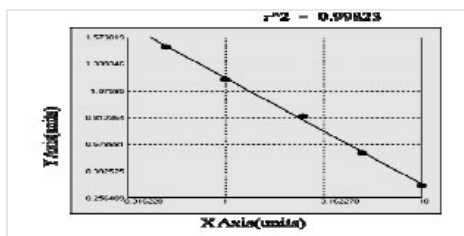
PRODUCT SYNONYMS

Telomeric repeat-binding factor 2 (TERF2); Mouse Telomeric repeat-binding factor 2 (TERF2) ELISA Kit; TERF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TERF2 elisa kit

Intended Uses: This TERF2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse TERF2. This ELISA kit for research use only!

Principle of the Assay: TERF2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TERF2 antibody and an TERF2-HRP conjugate. The assay sample and buffer are incubated together with TERF2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TERF2 concentration since TERF2 from samples and TERF2-HRP conjugate compete for the anti-TERF2 antibody binding site. Since the number of sites is limited, as more sites are occupied by TERF2 from the sample, fewer sites are left to bind TERF2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TERF2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for TERF2 elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	429535832
NCBI GeneID	7014
NCBI Accession #	NP_005643.2
NCBI GenBank Nucleotide #	NM_005652.4
Molecular Weight	32,298 Da
NCBI Official Full Name	telomeric repeat-binding factor 2
NCBI Official Synonym Full Names	telomeric repeat binding factor 2
NCBI Official Symbol	TERF2
NCBI Official Synonym Symbols	TRF2; TRBF2
NCBI Protein Information	telomeric repeat-binding factor 2; telomeric DNA-binding protein; TTAGGG repeat-binding factor 2; telomeric repeat binding protein 2
UniProt Protein Name	Telomeric repeat-binding factor 2
UniProt Gene Name	TERF2
UniProt Synonym Gene Names	TRBF2; TRF2
UniProt Entry Name	TERF2_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/mouse-elisa-kits/telomeric-repeat-binding-factor-2-terf2/245009>