

Mouse Tumor Protein P63 (TP63) ELISA Kit | TP63 elisa kit

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CATALOG # AAA65383	REACTIVITY Mouse
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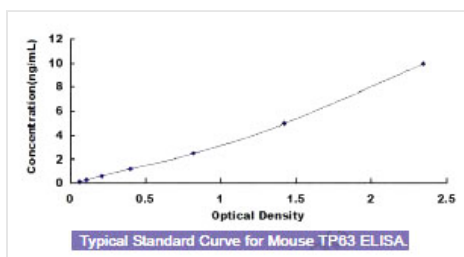
PRODUCT SYNONYMS

Tumor Protein P63 (TP63); Mouse Tumor Protein P63 (TP63) ELISA Kit; P63; TP73L; CUSP; EEC3; KET; LMS; OFC8; RHS; SHFM4; TP53CP; Tumor Protein p53-Competing Protein; Chronic ulcerative stomatitis protein; Keratinocyte transcription factor; TP63 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of TP63. No significant cross-reactivity or interference between TP63 and analogues was observed.
Sequence Length	680
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TP63 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TP63 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TP63 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TP63 in mouse tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TP63. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TP63. 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 TP63, 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 TP63 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	189083804
NCBI GeneID	22061
NCBI Accession #	NP_001120731.1
NCBI GenBank Nucleotide #	NM_001127259.1
UniProt Accession #	O88898; O88897; O88899; O89097; Q8C826; Q9QWY9; Q9QWZ0
Molecular Weight	43,970 Da
NCBI Official Full Name	tumor protein 63 isoform a
NCBI Official Synonym Full Names	transformation related protein 63
NCBI Official Symbol	Trp63
NCBI Official Synonym Symbols	Ket; P63; P73l; Tp63; P51/P63; AI462811; Trp53rp1
NCBI Protein Information	tumor protein 63
UniProt Protein Name	Tumor protein 63
UniProt Gene Name	Tp63
UniProt Synonym Gene Names	P63; P73l; Tp73l; Trp63; p63; TP63; p73L

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.