

Mouse Tumor Protein 53 ELISA Kit | TP53 elisa kit

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CATALOG #
AAA99940

REACTIVITY
Mouse

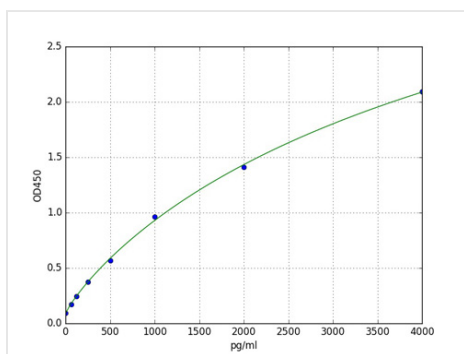
PRODUCT SYNONYMS

Tumor Protein 53; Mouse Tumor Protein 53 ELISA Kit; TP53/BCC7/LFS1/TRP53/Antigen NY-CO-13/FLJ92943/LFS1TRP53/p53/p53 tumor suppressor/P53cellular tumor antigen p53/Phosphoprotein p53/transformation-related protein 53/tumor protein p53/Tumor suppressor p53; TP53 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	115
Assay Type	Sandwich ELISA, Double Antibody
Samples	cell or tissue lysate, Other liquid samples
Detection Range	62.5-4000pg/ml
Sensitivity	37.5pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Mouse TP53 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	62.5	125	250	500	1000	2000	4000
Y	OD450	0.007	0.067	0.122	0.215	0.400	0.841	1.559	2.765

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TP53 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse TP53 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse TP53 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse TP53 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse TP53 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	523891331
NCBI GeneID	7157
Molecular Weight	24,401 Da
NCBI Official Full Name	tumor protein 53, partial
NCBI Official Synonym Full Names	tumor protein p53
NCBI Official Symbol	TP53
NCBI Official Synonym Symbols	P53; BCC7; LFS1; TRP53
NCBI Protein Information	cellular tumor antigen p53
UniProt Protein Name	Cellular tumor antigen p53
UniProt Gene Name	TP53
UniProt Synonym Gene Names	P53
UniProt Entry Name	P53_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/tp53-mouse-elisa-kits/tumor-protein-53/99940>