

Rat Cellular tumor antigen p53 ELISA Kit | Tp53 elisa kit

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CATALOG #
AAA100562

REACTIVITY
Rat

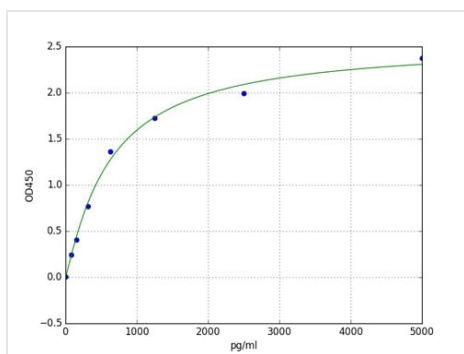
PRODUCT SYNONYMS

Cellular tumor antigen p53; Rat Cellular tumor antigen p53 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	Rat
Sequence Length	393
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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 Rat 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	78	156	312.5	625	1250	2500	5000
Y	OD450	0.006	0.185	0.446	0.862	1.438	1.828	2.205	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-Rat Tp53 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat 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 Rat Tp53 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Tp53 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	187830777
NCBI GeneID	7157
NCBI Accession #	NP_001119584.1
NCBI GenBank Nucleotide #	NM_001126112.2
Molecular Weight	24,401 Da
NCBI Official Full Name	cellular tumor antigen p53 isoform a
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-rat-elisa-kits/cellular-tumor-antigen-p53/100562>