

Rat Tumor Protein p53 (TP53) ELISA Kit | TP53 elisa kit

Rat Tumor Protein p53 (TP53) ELISA Kit

CATALOG #
AAA65678

REACTIVITY
Rat

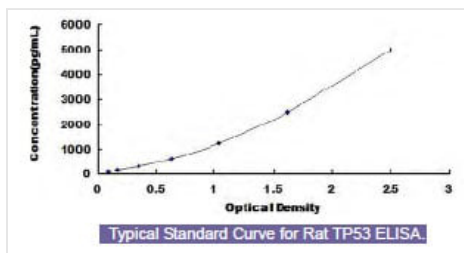
PRODUCT SYNONYMS

Tumor Protein p53 (TP53); Rat Tumor Protein p53 (TP53) ELISA Kit; p53; LFS1; TRP53; Li-Fraumeni Syndrome; Cellular tumor antigen p53; Antigen NY-CO-13; Phosphoprotein p53; Tumor suppressor p53; TP53 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of TP53. No significant cross-reactivity or interference between TP53 and analogues was observed.
Sequence Length	391
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	28pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TP53 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 TP53 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 TP53 elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TP53 in rat serum, plasma, 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 TP53. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TP53. 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 TP53, 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 TP53 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	189083686
NCBI GeneID	24842
NCBI Accession #	NP_112251.2
NCBI GenBank Nucleotide #	NM_030989.3
UniProt Accession #	P10361; O09168; Q4KMA9; Q66HM0
Molecular Weight	43,451 Da
NCBI Official Full Name	cellular tumor antigen p53
NCBI Official Synonym Full Names	tumor protein p53
NCBI Official Symbol	Tp53
NCBI Official Synonym Symbols	p53; Trp53
NCBI Protein Information	cellular tumor antigen p53
UniProt Protein Name	Cellular tumor antigen p53
UniProt Gene Name	Tp53
UniProt Synonym Gene Names	P53

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/tumor-protein-p53-tp53/65678>