

Goat Mutant type p53 ELISA Kit | Mt-p53 elisa kit

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CATALOG #
AAA93924

REACTIVITY
Goat

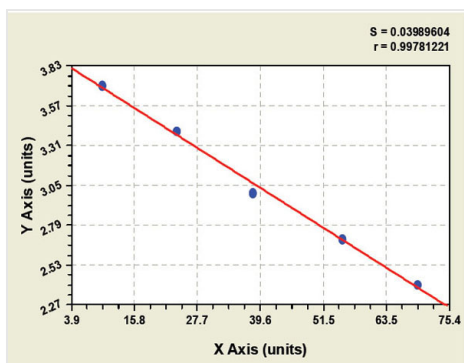
PRODUCT SYNONYMS

Mutant type p53; Goat Mutant type p53 ELISA Kit; Mt-p53 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Mt-p53 elisa kit

Intended Uses: This Mt-p53 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat Mt-p53. This ELISA kit for research use only!

Principle of the Assay: Mt-p53 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Mt-p53 antibody and an Mt-p53-HRP conjugate. The assay sample and buffer are incubated together with Mt-p53-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 Mt-p53 concentration since Mt-p53 from samples and Mt-p53-HRP conjugate compete for the anti-Mt-p53 antibody binding site. Since the number of sites is limited, as more sites are occupied by Mt-p53 from the sample, fewer sites are left to bind Mt-p53-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Mt-p53 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Mt-p53 elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	11528486
NCBI GeneID	24842
UniProt Accession #	P10361; O09168; Q4KMA9; Q66HM0
Molecular Weight	43,451 Da
NCBI Official Full Name	mutant 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; tumor suppressor p53; transformation related protein 53; tumor protein p53 (Li-Fraumeni syndrome)
UniProt Protein Name	Cellular tumor antigen p53
UniProt Gene Name	Tp53
UniProt Synonym Gene Names	P53
UniProt Entry Name	P53_RAT

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://www.aaabiotech.com/mt-p53-goat-elisa-kits/mutant-type-p53/93924>