

Porcine P53 ELISA Kit | P53 elisa kit

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CATALOG #
AAA91015

REACTIVITY
Porcine

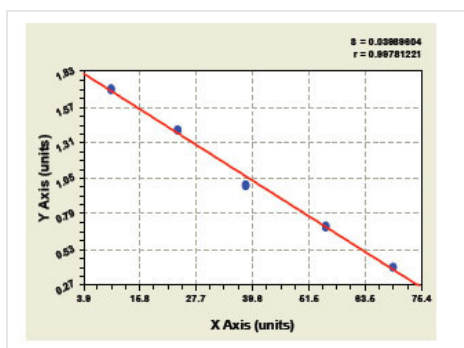
PRODUCT SYNONYMS

P53; Porcine P53 ELISA Kit; P53 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This P53 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine P53. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for P53 elisa kit

Principle of the Assay: P53 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-P53 antibody and an P53-HRP conjugate. The assay sample and buffer are incubated together with 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 P53 concentration since P53 from samples and P53-HRP conjugate compete for the anti-P53 antibody binding site. Since the number of sites is limited, as more sites are occupied by P53 from the sample, fewer sites are left to bind P53-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The P53 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for P53 elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	23491729
NCBI GeneID	7157
Molecular Weight	24,401 Da
NCBI Official Full Name	P53
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; antigen NY-CO-13; tumor protein 53; phosphoprotein p53; p53 tumor suppressor; mutant tumor protein 53; transformation-related protein 53
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://www.aaabiotech.com/porcine-elisa-kits/p53/91015>