

Rat Antioncogene p62 protein ELISA Kit | p62 elisa kit

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CATALOG #
AAA244793

REACTIVITY
Rat

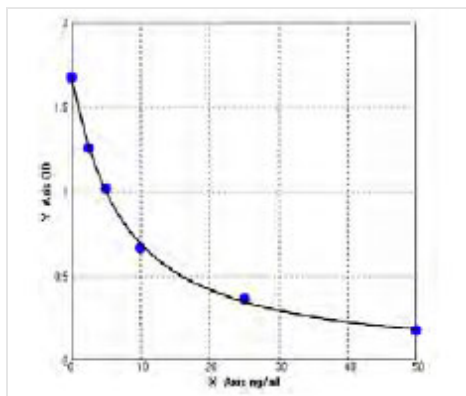
PRODUCT SYNONYMS

Antioncogene p62 protein; Rat Antioncogene p62 protein ELISA Kit; p62 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of P62. No significant cross-reactivity or interference between P62 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between P62 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for p62 elisa kit	Intended Uses: This P62 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat P62. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: P62 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-P62 antibody and an P62-HRP conjugate. The assay sample and buffer are incubated together with P62-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 P62 concentration since P62 from samples and P62-HRP conjugate compete for the anti-P62 antibody binding site. Since the number of sites is limited, as more sites are occupied by P62 from the sample, fewer sites are left to bind P62-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The P62 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for p62 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	189500
NCBI GeneID	10657
Molecular Weight	44,027 Da
NCBI Official Full Name	p62
NCBI Official Synonym Full Names	KH domain containing, RNA binding, signal transduction associated 1
NCBI Official Symbol	KHDRBS1
NCBI Official Synonym Symbols	p62; p68; Sam68
NCBI Protein Information	KH domain-containing, RNA-binding, signal transduction-associated protein 1; src-associated in mitosis 68 kDa protein; p21 Ras GTPase-activating protein-associated p62; GAP-associated tyrosine phosphoprotein p62 (Sam68)
UniProt Protein Name	KH domain-containing, RNA-binding, signal transduction-associated protein 1
UniProt Gene Name	KHDRBS1
UniProt Synonym Gene Names	SAM68; Sam68
UniProt Entry Name	KHDR1_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/rat-elisa-kits/antioncogene-p62-protein/244793>