

Mouse Ankyrin repeat domain-containing protein 32 (ANKRD32) ELISA Kit | ANKRD32 elisa kit

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CATALOG # AAA246152	REACTIVITY Mouse
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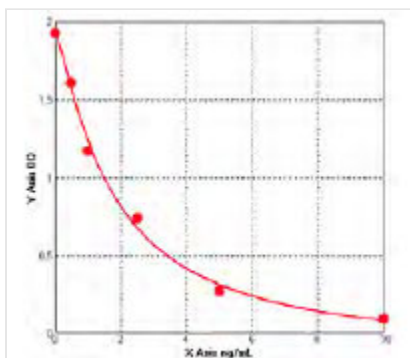
PRODUCT SYNONYMS

Ankyrin repeat domain-containing protein 32 (ANKRD32); Mouse Ankyrin repeat domain-containing protein 32 (ANKRD32) ELISA Kit; ANKRD32 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of ANKRD32. No significant cross-reactivity or interference between ANKRD32 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ANKRD32 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 ANKRD32 elisa kit	Intended Uses: This ANKRD32 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of MouseANKRD32. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: ANKRD32 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ANKRD32 antibody and an ANKRD32-HRP conjugate. The assay sample and buffer are incubated together with ANKRD32-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 ANKRD32 concentration since ANKRD32 from samples and ANKRD32-HRP conjugate compete for the anti-ANKRD32 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANKRD32 from the sample, fewer sites are left to bind ANKRD32-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANKRD32 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ANKRD32 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	188219549
NCBI GeneID	84250
NCBI Accession #	NP_115666.2
NCBI GenBank Nucleotide #	NM_032290.3
Molecular Weight	121,050 Da
NCBI Official Full Name	ankyrin repeat domain-containing protein 32
NCBI Official Synonym Full Names	ankyrin repeat domain 32
NCBI Official Symbol	ANKRD32
NCBI Official Synonym Symbols	BRCTx; BRCTD1
NCBI Protein Information	ankyrin repeat domain-containing protein 32; BRCT domain containing 1; BRCT domain-containing protein 1
UniProt Protein Name	Ankyrin repeat domain-containing protein 32
UniProt Gene Name	ANKRD32
UniProt Synonym Gene Names	BRCTD1
UniProt Entry Name	ANR32_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/ankyrin-repeat-domain-containing-protein-32-ankrd32/246152>