

Mouse Ankyrin repeat domain-containing protein 36A (ANKRD36) ELISA Kit | ANKRD36 elisa kit

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CATALOG #
AAA245201

REACTIVITY
Mouse

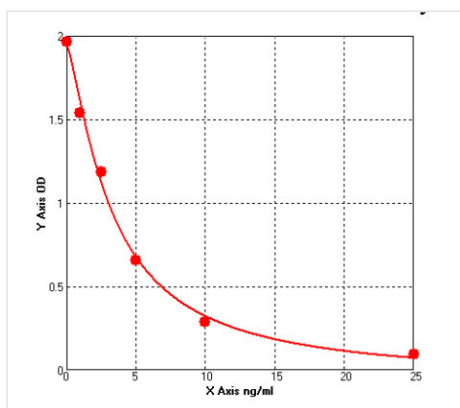
PRODUCT SYNONYMS

Ankyrin repeat domain-containing protein 36A (ANKRD36); Mouse Ankyrin repeat domain-containing protein 36A (ANKRD36) ELISA Kit; ANKRD36 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of ANKRD36. No significant cross-reactivity or interference between ANKRD36 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ANKRD36 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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 ANKRD36 elisa kit	Principle of the Assay: ANKRD36 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ANKRD36 antibody and an ANKRD36-HRP conjugate. The assay sample and buffer are incubated together with ANKRD36-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 ANKRD36 concentration since ANKRD36 from samples and ANKRD36-HRP conjugate compete for the anti-ANKRD36 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANKRD36 from the sample, fewer sites are left to bind ANKRD36-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANKRD36 concentration in each sample is interpolated from this standard curve. Intended Uses: This ANKRD36 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ANKRD36. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for ANKRD36 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	256222280
NCBI GeneID	375248
NCBI Accession #	NP_001157787.1
NCBI GenBank Nucleotide #	NM_001164315.1
Molecular Weight	19,755 Da
NCBI Official Full Name	ankyrin repeat domain-containing protein 36A
NCBI Official Synonym Full Names	ankyrin repeat domain 36
NCBI Official Symbol	ANKRD36
NCBI Official Synonym Symbols	UNQ2430
NCBI Protein Information	ankyrin repeat domain-containing protein 36A; ankyrin-related
UniProt Protein Name	Ankyrin repeat domain-containing protein 36A
UniProt Gene Name	ANKRD36
UniProt Synonym Gene Names	ANKRD36A; KIAA1641; UNQ2430/PRO499
UniProt Entry Name	AN36A_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/mouse-elisa-kits/ankyrin-repeat-domain-containing-protein-36a-ankrd36/245201>