

Chicken Ankyrin repeat and sterile alpha motif domain-containing protein 1B (ANKS1B) ELISA Kit | ANKS1B elisa kit

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CATALOG # AAA246862	REACTIVITY Chicken
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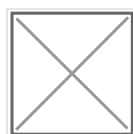
PRODUCT SYNONYMS

Ankyrin repeat and sterile alpha motif domain-containing protein 1B (ANKS1B); Chicken Ankyrin repeat and sterile alpha motif domain-containing protein 1B (ANKS1B) ELISA Kit; ANKS1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This ANKS1B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken ANKS1B. 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 ANKS1B elisa kit	Principle of the assay: ANKS1B ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ANKS1B antibody and an ANKS1B-HRP conjugate. The assay sample and buffer are incubated together with ANKS1B-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 ANKS1B concentration since ANKS1B from samples and ANKS1B-HRP conjugate compete for the anti-ANKS1B antibody binding site. Since the number of sites is limited, as more sites are occupied by ANKS1B from the sample, fewer sites are left to bind ANKS1B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANKS1B concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ANKS1B elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	294345388
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NCBI GeneID	77531
NCBI Accession #	NP_001121558.2
NCBI GenBank Nucleotide #	NM_001128086.2
Molecular Weight	30,268 Da
NCBI Official Full Name	ankyrin repeat and sterile alpha motif domain-containing protein 1B isoform 1
NCBI Official Synonym Full Names	ankyrin repeat and sterile alpha motif domain containing 1B
NCBI Official Symbol	Anks1b
NCBI Official Synonym Symbols	Gm1555; AIDA-1b; Gm10937; C030032C09Rik; E530015N03Rik; ENSMUSG00000078431
NCBI Protein Information	ankyrin repeat and sterile alpha motif domain-containing protein 1B; EB-1; AIDA-1; E2A-PBX1-associated protein; amyloid-beta protein intracellular domain-associated protein 1
UniProt Protein Name	Ankyrin repeat and sterile alpha motif domain-containing protein 1B
UniProt Gene Name	Anks1b
UniProt Synonym Gene Names	AIDA-1; EB-1
UniProt Entry Name	ANS1B_MOUSE

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/chicken-elisa-kits/ankyrin-repeat-and-sterile-alpha-motif-domain-containing-protein-1b-anks1b/246862>