

Human Ankyrin 3 (ANK3) ELISA Kit | ANK3 elisa kit

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CATALOG #
AAA246548

REACTIVITY
Human

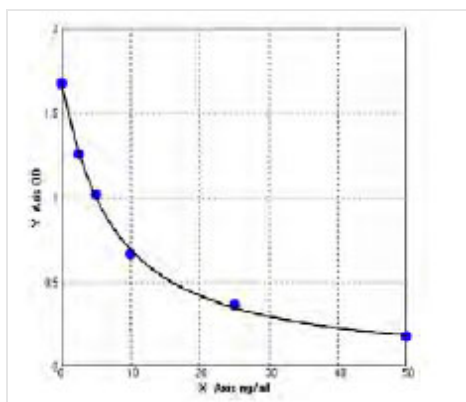
PRODUCT SYNONYMS

Ankyrin 3 (ANK3); Human Ankyrin 3 (ANK3) ELISA Kit; ANK3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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 ANK3 elisa kit

Intended Uses: This ANGPTL5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of RatANGPTL5. This ELISA kit for research use only!

Principle of the Assay: ANGPTL5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ANGPTL5 antibody and an ANGPTL5-HRP conjugate. The assay sample and buffer are incubated together with ANGPTL5-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 ANGPTL5 concentration since ANGPTL5 from samples and ANGPTL5-HRP conjugate compete for the anti-ANGPTL5 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANGPTL5 from the sample, fewer sites are left to bind ANGPTL5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANGPTL5 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	710552
NCBI GeneID	11735
Molecular Weight	99,791 Da
NCBI Official Full Name	ankyrin 3
NCBI Official Synonym Full Names	ankyrin 3, epithelial
NCBI Official Symbol	Ank3
NCBI Official Synonym Symbols	AnkG; Ank-3; AI314020; Ankyrin-3; Ankyrin-G; 2900054D09Rik
NCBI Protein Information	ankyrin-3; brain-specific ankyrin-G
UniProt Protein Name	Ankyrin-3
UniProt Gene Name	Ank3
UniProt Synonym Gene Names	ANK-3
UniProt Entry Name	ANK3_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://www.aaabiotech.com/human-elisa-kits/ankyrin-3-ank3/246548>