

Human Ankyrin repeat domain containing protein 55 (ANKRD55) ELISA Kit | ANKRD55 elisa kit

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CATALOG #
AAA245319

REACTIVITY
Human

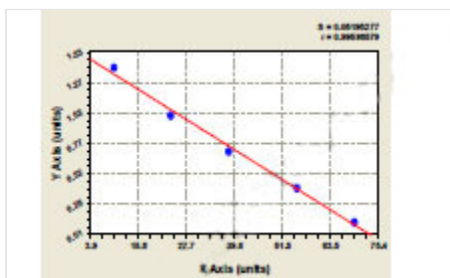
PRODUCT SYNONYMS

Ankyrin repeat domain containing protein 55 (ANKRD55); Human Ankyrin repeat domain containing protein 55 (ANKRD55) ELISA Kit; ANKRD55 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for ANKRD55 elisa kit

Intended Uses: This ANKRD55 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ANKRD55.

Principle of the Assay: ANKRD55 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-ANKRD55 antibody and an ANKRD55-HRP conjugate. The assay sample and buffer are incubated together with ANKRD55-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 ANKRD55 concentration since ANKRD55 from samples and ANKRD55-HRP conjugate compete for the anti-ANKRD55 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANKRD55 from the sample, fewer sites are left to bind ANKRD55-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANKRD55 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ANKRD55 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	408360322
NCBI GeneID	79722
Molecular Weight	33,602 Da
NCBI Official Full Name	Ankyrin repeat domain-containing protein 55
NCBI Official Synonym Full Names	ankyrin repeat domain 55
NCBI Official Symbol	ANKRD55
NCBI Protein Information	ankyrin repeat domain-containing protein 55
UniProt Protein Name	Ankyrin repeat domain-containing protein 55
UniProt Gene Name	ANKRD55
UniProt Entry Name	ANR55_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/human-elisa-kits/ankyrin-repeat-domain-containing-protein-55-ankrd55/245319>