

Human Ankyrin repeat domain containing protein 1 ELISA Kit | ANKRD1 elisa kit

Human Ankyrin repeat domain containing protein 1 ELISA Kit

CATALOG #
AAA95230

REACTIVITY
Human

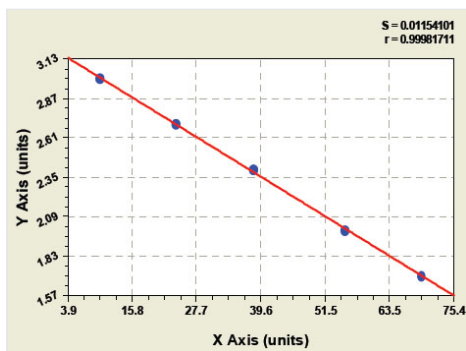
PRODUCT SYNONYMS

Ankyrin repeat domain containing protein 1; Human Ankyrin repeat domain containing protein 1 ELISA Kit; ANKRD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1 25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This ANKRD1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ANKRD1. This ELISA kit for research use only, not for therapeutic applications
!Intended Uses	This ANKRD1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ANKRD1. 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 ANKRD1 elisa kit	Principle of the Assay: ANKRD1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ANKRD1 antibody and an ANKRD1-HRP conjugate. The assay sample and buffer are incubated together with ANKRD1-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 ANKRD1 concentration since ANKRD1 from samples and ANKRD1-HRP conjugate compete for the anti-ANKRD1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANKRD1 from the sample, fewer sites are left to bind ANKRD1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANKRD1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ANKRD1 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	38327522
NCBI GeneID	27063
NCBI Accession #	NP_055206.2
NCBI GenBank Nucleotide #	NM_014391.2
Molecular Weight	36,252 Da
NCBI Official Full Name	ankyrin repeat domain-containing protein 1
NCBI Official Synonym Full Names	ankyrin repeat domain 1 (cardiac muscle)
NCBI Official Symbol	ANKRD1
NCBI Official Synonym Symbols	ALRP; CARP; C-193; CVARP; MCARP; bA320F15.2
NCBI Protein Information	ankyrin repeat domain-containing protein 1; liver ankyrin repeat domain 1; cardiac ankyrin repeat protein; cytokine-inducible nuclear protein; cytokine-inducible gene C-193 protein
UniProt Protein Name	Ankyrin repeat domain-containing protein 1
UniProt Gene Name	ANKRD1
UniProt Synonym Gene Names	C193; CARP; HA1A2
UniProt Entry Name	ANKR1_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/ankrd1-human-elisa-kits/ankyrin-repeat-domain-containing-protein-1/95230>