

Ankyrin Repeat Domain Protein 50 (ANKRD50) CLIA Kit | ANKRD50 clia kit

CLIA Kit for Ankyrin Repeat Domain Protein 50 (ANKRD50)

CATALOG #
AAA129897

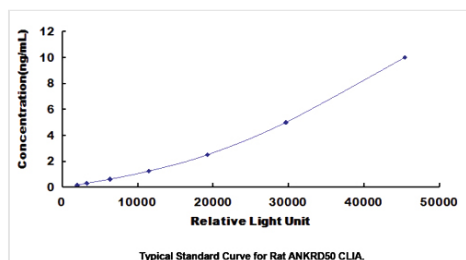
PRODUCT SYNONYMS

Ankyrin Repeat Domain Protein 50 (ANKRD50); CLIA Kit for Ankyrin Repeat Domain Protein 50 (ANKRD50); ANKRD50 clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Ankyrin Repeat Domain Protein 50 (ANKRD50) No significant cross-reactivity or interference between Ankyrin Repeat Domain Protein 50 (ANKRD50) and analogues was observed.
Sequence Length	1429
Assay Type	Sandwich
Samples	Tissue homogenates and other biological fluids
Detection Range	0.014-10ng/mL The standard curve concentrations used for the ELISA's were 10ng/mL, 3.33ng/mL, 1.11ng/mL, 0.37ng/mL, 0.123ng/mL, 0.041ng/mL, 0.014ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.072ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Ankyrin Repeat Domain Protein 50 (ANKRD50) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Ankyrin Repeat Domain Protein 50 (ANKRD50) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Organism Species	Rattus norvegicus (Rat)
Assay Length	4.5 hours
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANKRD50 clia kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated secondary antibody. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Ankyrin Repeat Domain Protein 50 (ANKRD50) level in the sample or standard.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	62988328
NCBI GeneID	57182
NCBI Accession #	NP_065070.1
NCBI GenBank Nucleotide #	NM_020337.2
UniProt Accession #	Q9ULJ7; Q6N064; Q6ZSE6; A8K4V3; B4DHJ6; E9PDW0
Molecular Weight	155,859 Da
NCBI Official Full Name	ankyrin repeat domain-containing protein 50 isoform 1
NCBI Official Synonym Full Names	ankyrin repeat domain 50
NCBI Official Symbol	ANKRD50
NCBI Protein Information	ankyrin repeat domain-containing protein 50
UniProt Protein Name	Ankyrin repeat domain-containing protein 50
UniProt Gene Name	ANKRD50
UniProt Synonym Gene Names	KIAA1223
UniProt Entry Name	ANR50_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.