

Human Juxtanodin (JN) ELISA Kit | JN elisa kit

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CATALOG #
AAA66360

REACTIVITY
Human

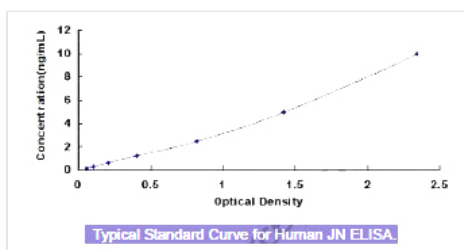
PRODUCT SYNONYMS

Juxtanodin (JN); Human Juxtanodin (JN) ELISA Kit; ERMN; Ermin; ERM-Like Protein; JN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of JN. No significant cross-reactivity or interference between JN and analogues was observed.
Sequence Length	297
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.063ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level JN were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level JN were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for JN elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of JN in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to JN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to JN. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain JN, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of JN in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	58331177
NCBI GeneID	57471
NCBI Accession #	NP_001009959.1
NCBI GenBank Nucleotide #	NM_001009959.2
UniProt Accession #	Q8TAM6; Q9ULN1; B4DKA6
Molecular Weight	34,301 Da
NCBI Official Full Name	ermin isoform a
NCBI Official Synonym Full Names	ermin
NCBI Official Symbol	ERMN
NCBI Official Synonym Symbols	JN; KIAA1189
NCBI Protein Information	ermin
UniProt Protein Name	Ermin
UniProt Gene Name	ERMN
UniProt Synonym Gene Names	KIAA1189; JN

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.