

Human Makorin Ring Finger Protein 3 (MKRN3) ELISA Kit | MKRN3 elisa kit

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CATALOG #
AAA219645

REACTIVITY
Human

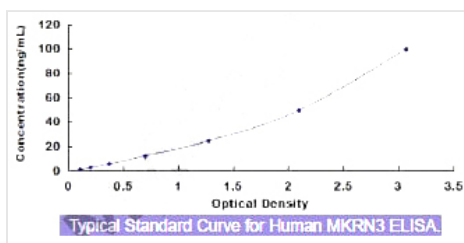
PRODUCT SYNONYMS

Makorin Ring Finger Protein 3 (MKRN3); Human Makorin Ring Finger Protein 3 (MKRN3) ELISA Kit; RING finger protein 63; Zinc finger protein 127; MKRN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MKRN3. No significant cross-reactivity or interference between MKRN3 and analogues was observed.
Sequence Length	507
Samples	Human serum, plasma, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	<0.71ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MKRN3 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 MKRN3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Stable for 12 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MKRN3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of MKRN3 in human serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MKRN3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MKRN3. 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 MKRN3, 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 MKRN3 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 #	5032243
NCBI GeneID	7681
NCBI Accession #	NP_005655.1
NCBI GenBank Nucleotide #	NM_005664.3
UniProt Accession #	Q13064
Molecular Weight	55,645 Da
NCBI Official Full Name	probable E3 ubiquitin-protein ligase makorin-3
NCBI Official Synonym Full Names	makorin ring finger protein 3
NCBI Official Symbol	MKRN3
NCBI Official Synonym Symbols	CPPB2; D15S9; RNF63; ZFP127; ZNF127
NCBI Protein Information	probable E3 ubiquitin-protein ligase makorin-3
UniProt Protein Name	Probable E3 ubiquitin-protein ligase makorin-3
UniProt Gene Name	MKRN3
UniProt Synonym Gene Names	D15S9; RNF63; ZNF127

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/makorin-ring-finger-protein-3-mkrn3/219645>