

Human Ephrin A4 (EFNA4) ELISA Kit | EFNA4 elisa kit

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CATALOG #
AAA65628

REACTIVITY
Human

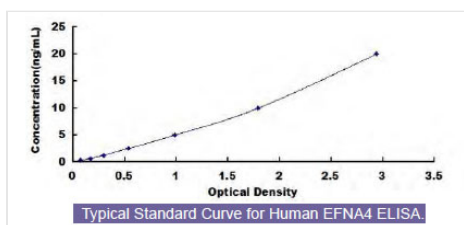
PRODUCT SYNONYMS

Ephrin A4 (EFNA4); Human Ephrin A4 (EFNA4) ELISA Kit; EFL4; EPLG4; LERK4; EPH-related receptor tyrosine kinase ligand 4; EFNA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of EFNA4. No significant cross-reactivity or interference between EFNA4 and analogues was observed.
Sequence Length	207
Samples	Serum, plasma, tissue homogenates, cell lysates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	< 0.117ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level EFNA4 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 EFNA4 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 EFNA4 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of EFNA4 in human serum, plasma, tissue homogenates, cell lysates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to EFNA4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to EFNA4. 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 EFNA4, 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 EFNA4 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 #	4885197
NCBI GeneID	1945
NCBI Accession #	NP_005218.1
NCBI GenBank Nucleotide #	NM_005227.2
UniProt Accession #	P52798; O95457; Q5SR71; Q6FI57; C9JHJ8; G3XAK2
Molecular Weight	22,584 Da
NCBI Official Full Name	ephrin-A4 isoform a
NCBI Official Synonym Full Names	ephrin A4
NCBI Official Symbol	EFNA4
NCBI Official Synonym Symbols	EFL4; EPLG4; LERK4
NCBI Protein Information	ephrin-A4
UniProt Protein Name	Ephrin-A4
UniProt Gene Name	EFNA4
UniProt Synonym Gene Names	EPLG4; LERK4; LERK-4

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.