

Human Ephrin A2 (EFNA2) ELISA Kit | EFNA2 elisa kit

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CATALOG #
AAA140532

REACTIVITY
Human

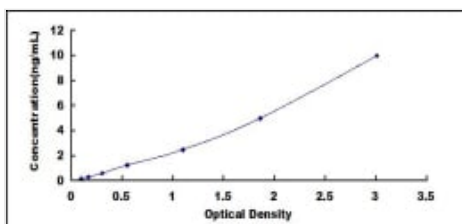
PRODUCT SYNONYMS

Ephrin A2 (EFNA2); Human Ephrin A2 (EFNA2) ELISA Kit; ELF-1; EPLG6; HEK7-L; LERK6; EPH-related receptor tyrosine kinase ligand 6; HEK7 ligand; EFNA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Ephrin A2 (EFNA2). No significant cross-reactivity or interference between Ephrin A2 (EFNA2) and analogues was observed.
Sequence Length	213
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Ephrin A2 (EFNA2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Ephrin A2 (EFNA2) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
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 EFNA2 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Ephrin A2 (EFNA2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Ephrin A2 (EFNA2). 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 Ephrin A2 (EFNA2), 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 Ephrin A2 (EFNA2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for EFNA2 elisa kit	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	27894381
NCBI GeneID	1943
NCBI Accession #	NP_001396.2
NCBI GenBank Nucleotide #	NM_001405.3
Molecular Weight	23,878 Da
NCBI Official Full Name	ephrin-A2
NCBI Official Synonym Full Names	ephrin-A2
NCBI Official Symbol	EFNA2
NCBI Official Synonym Symbols	ELF-1; EPLG6; LERK6; HEK7-L; LERK-6
NCBI Protein Information	ephrin-A2
UniProt Protein Name	Ephrin-A2
UniProt Gene Name	EFNA2
UniProt Synonym Gene Names	EPLG6; LERK6; LERK-6; HEK7-L
UniProt Entry Name	EFNA2_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/ephrin-a2-efna2/140532>