

Mouse Efna4 (Ephrin-A4) ELISA Kit | Efna4 elisa kit

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CATALOG #
AAA250414

REACTIVITY
Mouse

PRODUCT SYNONYMS

Efna4 (Ephrin-A4); Mouse Efna4 (Ephrin-A4) ELISA Kit; Ephrin-A4; EPH-related receptor tyrosine kinase ligand 4; LERK-4; Epl4; Eplg4; Lerk4; Efna4; Efna4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for Efna4 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110835739
NCBI GeneID	13639
NCBI Accession #	NP_031936.2
NCBI GenBank Nucleotide #	NM_007910.2
UniProt Accession #	O08542 ; O55218
Molecular Weight	22,861 Da
NCBI Official Full Name	ephrin-A4
NCBI Official Synonym Full Names	ephrin A4

NCBI Official Symbol	Efna4
NCBI Official Synonym Symbols	Epl4; EFL-4; LERK-4
NCBI Protein Information	ephrin-A4; EPH-related receptor tyrosine kinase ligand 4
UniProt Protein Name	Ephrin-A4
UniProt Gene Name	Efna4
UniProt Synonym Gene Names	Epl4; Eplg4; Lerk4; LERK-4
UniProt Entry Name	EFNA4_MOUSE

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://www.aaabiotech.com/mouse-elisa-kits/efna4-ephrin-a4/250414>