

Human Ephrin B2 (EFNB2) ELISA Kit | EFNB2 elisa kit

Human Ephrin B2 ELISA Kit (EFNB2)

CATALOG #
AAA281416

REACTIVITY
Human

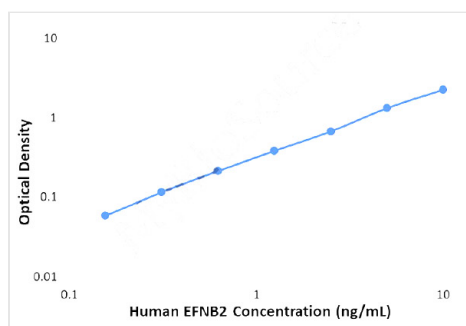
PRODUCT SYNONYMS

Ephrin B2 (EFNB2); Human Ephrin B2 ELISA Kit (EFNB2); EFNB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of EFNB2. No significant cross-reactivity or interference between EFNB2 and analogues was observed.
Sequence Length	333
Samples	Human tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Type	Quantitative Sandwich
Sensitivity	< 0.061 ng/mL
Intra-assay Precision	3 samples with low, middle and high level EFNB2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	3 samples with low, middle and high level EFNB2 were tested on 3 different plates, 8 replicates in each plate. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EFNB2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for EFNB2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any EFNB2 present is bound by the immobilized antibody. Following incubation unbound samples are removed during a wash step, and then a detection antibody specific for EFNB2 is added to the wells and binds to the combination of capture antibody-EFNB2 in sample. Following a wash to remove any unbound combination, and enzyme conjugate is added to the wells. Following incubation and wash steps, a substrate is added. A colored product TMB is formed in proportion to the amount of EFNB2 present in the sample. The reaction is terminated by addition of acid and absorbance is measured. A standard curve is prepared from seven EFNB2 standard dilutions and EFNB2 sample concentration determined. Background/Introduction: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of EFNB2 in human tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758250
NCBI GeneID	1948
NCBI Accession #	NP_004084.1
NCBI GenBank Nucleotide #	NM_004093.3
UniProt Accession #	P52799; Q5JV56
Molecular Weight	36,923 Da
NCBI Official Full Name	ephrin-B2
NCBI Official Synonym Full Names	ephrin B2
NCBI Official Symbol	EFNB2
NCBI Official Synonym Symbols	HTKL; EPLG5; Htk-L; LERK5
NCBI Protein Information	ephrin-B2
UniProt Protein Name	Ephrin-B2
UniProt Gene Name	EFNB2
UniProt Synonym Gene Names	EPLG5; HTKL; LERK5; LERK-5; HTK-L

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-b2-efnb2/281416>