

Human Ephrin Type A Receptor 10 (EPHA10) ELISA Kit | EPHA10 elisa kit

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CATALOG #
AAA66174

REACTIVITY
Human

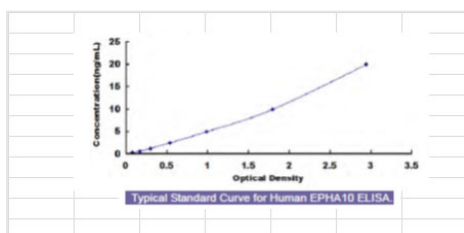
PRODUCT SYNONYMS

Ephrin Type A Receptor 10 (EPHA10); Human Ephrin Type A Receptor 10 (EPHA10) ELISA Kit; EPHA10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of EPHA10. No significant cross-reactivity or interference between EPHA10 and analogues was observed.
Sequence Length	1008
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.109ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level EPHA10 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 EPHA10 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 EPHA10 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of EPHA10 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to EPHA10. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to EPHA10. 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 EPHA10, 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 EPHA10 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 #	150456460
NCBI GeneID	284656
NCBI Accession #	NP_001092909.1
NCBI GenBank Nucleotide #	NM_001099439.1
UniProt Accession #	Q5JZY3; Q6NW42; A4FU89; J3KPB5
Molecular Weight	97,293 Da
NCBI Official Full Name	ephrin type-A receptor 10 isoform 3
NCBI Official Synonym Full Names	EPH receptor A10
NCBI Official Symbol	EPHA10
NCBI Protein Information	ephrin type-A receptor 10
UniProt Protein Name	Ephrin type-A receptor 10
UniProt Gene Name	EPHA10

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-type-a-receptor-10-epha10/66174>