

Human Band 4.1 like protein 1 (EPB41L1) ELISA Kit | EPB41L1 elisa kit

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CATALOG #
AAA27320

REACTIVITY
Human

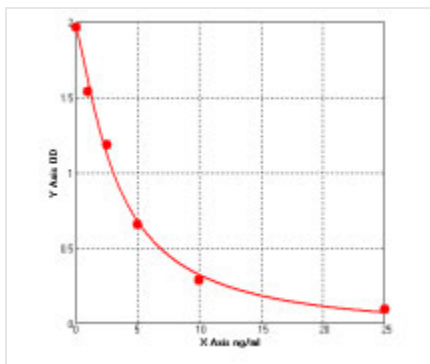
PRODUCT SYNONYMS

Band 4.1 like protein 1 (EPB41L1); Human Band 4.1 like protein 1 (EPB41L1) ELISA Kit; EPB41L1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of EPB41L1. No significant cross-reactivity or interference between EPB41L1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between EPB41L1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPB41L1 elisa kit	Principle of the Assay: EPB41L1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-EPB41L1 antibody and an EPB41L1-HRP conjugate. The assay sample and buffer are incubated together with EPB41L1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the EPB41L1 concentration since EPB41L1 from samples and EPB41L1-HRP conjugate compete for the anti-EPB41L1 antibody binding site. Since the number of sites is limited, as more sites are occupied by EPB41L1 from the sample, fewer sites are left to bind EPB41L1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The EPB41L1 concentration in each sample is interpolated from this standard curve. Intended Uses: This EPB41L1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human EPB41L1. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for EPB41L1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	14916561
NCBI GeneID	2036
Molecular Weight	78,831 Da
NCBI Official Full Name	Band 4.1-like protein 1
NCBI Official Synonym Full Names	erythrocyte membrane protein band 4.1-like 1
NCBI Official Symbol	EPB41L1
NCBI Official Synonym Symbols	4.1N; MRD11
NCBI Protein Information	band 4.1-like protein 1; neuronal protein 4.1; neuron-type nonerythroid protein 4.1
UniProt Protein Name	Band 4.1-like protein 1
UniProt Gene Name	EPB41L1
UniProt Synonym Gene Names	KIAA0338; 4.1N
UniProt Entry Name	E41L1_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/band-4-1-like-protein-1-epb41l1/27320>