

Human Band 4.1 like protein 3 (EPB41L3) ELISA Kit | EPB41L3 elisa kit

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CATALOG #
AAA246510

REACTIVITY
Human

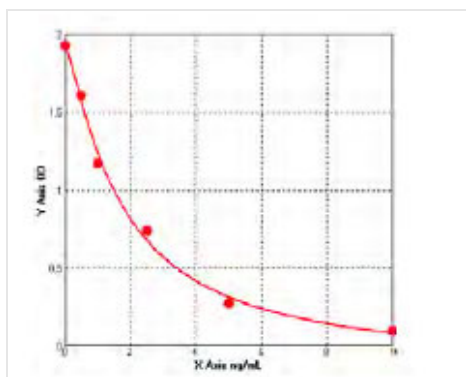
PRODUCT SYNONYMS

Band 4.1 like protein 3 (EPB41L3); Human Band 4.1 like protein 3 (EPB41L3) ELISA Kit; EPB41L3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
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 EPB41L3 elisa kit

Intended Uses: This EPB41L2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human EPB41L2. This ELISA kit for research use only!

Principle of the Assay: EPB41L2 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-EPB41L2 antibody and an EPB41L2-HRP conjugate. The assay sample and buffer are incubated together with EPB41L2-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 EPB41L2 concentration since EPB41L2 from samples and EPB41L2-HRP conjugate compete for the anti-EPB41L2 antibody binding site. Since the number of sites is limited, as more sites are occupied by EPB41L2 from the sample, fewer sites are left to bind EPB41L2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The EPB41L2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32490572
NCBI GeneID	23136
NCBI Accession #	NP_036439.2
NCBI GenBank Nucleotide #	NM_012307.3
Molecular Weight	98,461 Da
NCBI Official Full Name	band 4.1-like protein 3 isoform 1
NCBI Official Synonym Full Names	erythrocyte membrane protein band 4.1-like 3
NCBI Official Symbol	EPB41L3
NCBI Official Synonym Symbols	4.1B; DAL1; DAL-1
NCBI Protein Information	band 4.1-like protein 3; differentially expressed in adenocarcinoma of the lung protein 1
UniProt Protein Name	Band 4.1-like protein 3
UniProt Gene Name	EPB41L3
UniProt Synonym Gene Names	DAL1; KIAA0987; DAL-1
UniProt Entry Name	E41L3_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.