

Human CD42b ELISA Kit | CD42b elisa kit

Human CD42b ELISA Kit PicoKine

CATALOG # AAA127962	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

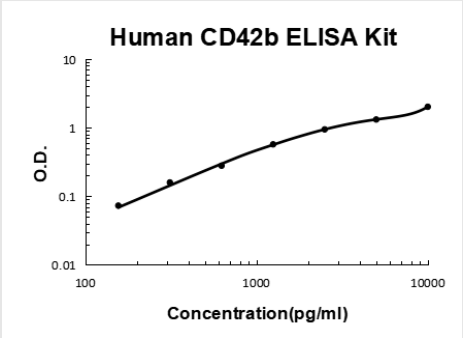
CD42b; Human CD42b ELISA Kit PicoKine; CD42b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	156pg/ml-10,000pg/ml
Sensitivity	<10pg/ml
Capture antibody and Detection antibody	a monoclonal antibody from mouse a biotinylated polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: H17-L505
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for CD42b elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration(pg/ml)01563126251,2502,5005,00010,000O.D.0.0230.0960.1820.3020.5950.9681.3412.043
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)2641499569625914325590Standard deviation14.5277.95205.0613.2164.44268.32CV (%)5.5%5.2%3.6%5.1%4.5%4.8%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 12642472192512459.323.8%Sample 21499145513241378141450.93.6%Sample 356965411543952825457223.744.1%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
Human CD42b PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CD42b elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for CD42b elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	613503880
NCBI GeneID	2811
UniProt Accession #	P07359; Q14441; Q16469; Q8N1F3; Q8NG39; Q9HDC7; Q9UEK1; Q9UQS4; E7ES66
Molecular Weight	626
NCBI Official Full Name	Platelet glycoprotein Ib alpha chain
NCBI Official Synonym Full Names	glycoprotein Ib (platelet), alpha polypeptide
NCBI Official Symbol	GP1BA
NCBI Official Synonym Symbols	BSS; GP1B; VWDP; CD42B; GPIbA; BDPLT1; BDPLT3; DBPLT3; CD42b-alpha
NCBI Protein Information	platelet glycoprotein Ib alpha chain; GP-Ib alpha; antigen CD42b-alpha; platelet membrane glycoprotein 1b-alpha subunit
UniProt Protein Name	Platelet glycoprotein Ib alpha chain
UniProt Gene Name	GP1BA
UniProt Synonym Gene Names	GP-Ib alpha; GPIb-alpha; GPIbA; Glycoprotein Ibalpha
UniProt Entry Name	GP1BA_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.

