

Human CD79B ELISA Kit | CD79B elisa kit

Human CD79B ELISA Kit PicoKine

CATALOG # AAA126700	REACTIVITY Human	APPLICATIONS ELISA
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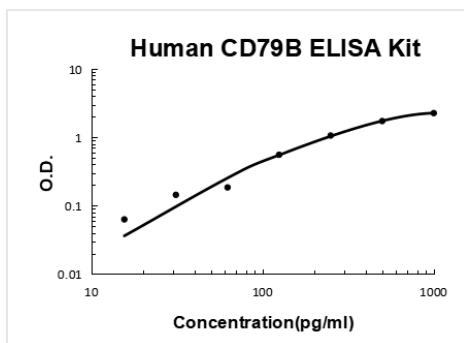
PRODUCT SYNONYMS

CD79B; Human CD79B ELISA Kit PicoKine; CD79B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CD79B
Samples	Cell culture supernatants, serum and plasma (heparin, EDTA)
Detection Range	15.6 pg/ml - 1,000 pg/ml
Sensitivity	<10 pg/ml
Applicable Applications for CD79B elisa kit	ELISA
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.
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 CD79B PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CD79B elisa kit	Background: CD79b molecule, immunoglobulin-associated beta, also known as CD79B (Cluster of Differentiation 79B), is a human gene. The B lymphocyte antigen receptor is a multimeric complex that includes the antigen-specific component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for expression and function of the B-cell antigen receptor. This gene encodes the Ig-beta protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described. Principle of the Assay: The Picokine™ Human CD79B Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Human CD79B with a 96-well strip plate that is pre-coated with antibody specific for CD79B. The detection antibody is a biotinylated antibody specific for CD79B. The capture antibody is a monoclonal antibody from mouse and the detection antibody is a biotinylated polyclonal antibody from goat. The kit includes Human CD79B protein as standards. To measure Human CD79B, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbound ABC-HRP with PBS or TBS buffer and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Human CD79B in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human CD79B in the sample.
Product Categories/Family for CD79B elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	728994
NCBI GeneID	974
UniProt Accession #	P40259; Q53FS2; Q9BU06
Molecular Weight	229
NCBI Official Full Name	B-cell antigen receptor complex-associated protein beta chain
NCBI Official Synonym Full Names	CD79b molecule, immunoglobulin-associated beta
NCBI Official Symbol	CD79B
NCBI Official Synonym Symbols	B29; IGB; AGM6
NCBI Protein Information	B-cell antigen receptor complex-associated protein beta chain; Ig-beta; B-cell-specific glycoprotein B29; immunoglobulin-associated B29 protein; CD79b antigen (immunoglobulin-associated beta)
UniProt Protein Name	B-cell antigen receptor complex-associated protein beta chain
UniProt Gene Name	CD79B
UniProt Synonym Gene Names	B29; IGB
UniProt Entry Name	CD79B_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.