

Human GLB1 ELISA Kit | GLB1 elisa kit

Human GLB1 ELISA Kit PicoKine

CATALOG # AAA127960	REACTIVITY Human	APPLICATIONS ELISA
-------------------------------	----------------------------	------------------------------

PRODUCT SYNONYMS

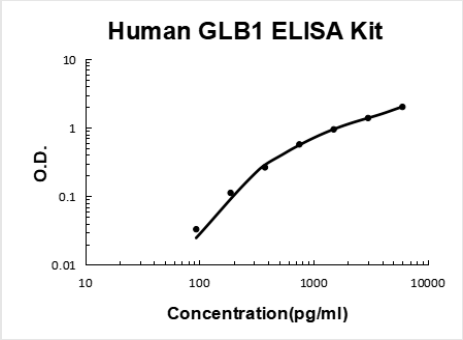
GLB1; Human GLB1 ELISA Kit PicoKine; GLB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	93.7pg/ml-6,000pg/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: M1-V677
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for GLB1 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)093.7187.53757501,5003,0006,000O.D.0.0410.0740.1530.3050.6120.9861.4252.054
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean(pg/ml)14186239641387563785Standard deviation9.0237.93273.52844.6196.82CV(%)6.4%4.4%6.9%5.8%5.9%5.2%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 11411381551461458.275.7%Sample 286286688082285845.455.3%Sample 339643564384139523830222.155.8%*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 GLB1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for GLB1 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 GLB1 elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	119372308
NCBI GeneID	2720
NCBI Accession #	NP_000395.2
NCBI GenBank Nucleotide #	NM_000404.2
UniProt Accession #	P16278 ; P16279 ; B2R7H8 ; B7Z6B0
Molecular Weight	76,075 Da
NCBI Official Full Name	beta-galactosidase isoform a preproprotein
NCBI Official Synonym Full Names	galactosidase, beta 1
NCBI Official Symbol	GLB1
NCBI Official Synonym Symbols	EBP; ELNR1; MPS4B
NCBI Protein Information	beta-galactosidase; lactase; acid beta-galactosidase; elastin receptor 1, 67kDa
UniProt Protein Name	Beta-galactosidase
UniProt Gene Name	GLB1
UniProt Synonym Gene Names	ELNR1; Lactase
UniProt Entry Name	BGAL_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/glb1/127960>