

Mouse Galactosidase, Beta ELISA Kit | GLb elisa kit

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CATALOG #
AAA85924

REACTIVITY
Mouse

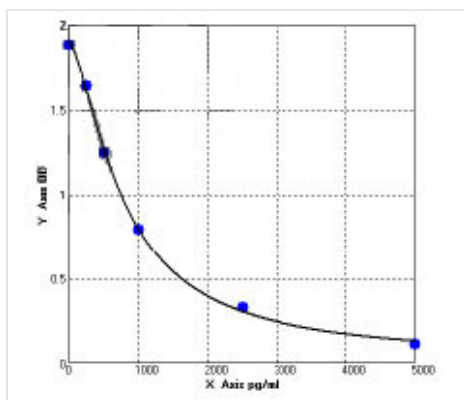
PRODUCT SYNONYMS

Galactosidase; Beta; Mouse Galactosidase; Beta ELISA Kit; GLb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLb elisa kit

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	119584848
NCBI GeneID	2720
Molecular Weight	72,751 Da
NCBI Official Full Name	galactosidase, beta 1, isoform CRA_c
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.

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Online datasheet: <https://stage.aaabiotech.com/glb-mouse-elisa-kits/galactosidase-beta/85924>