

Monkey alpha-Galactosidase ELISA Kit | alphaGAL elisa kit

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CATALOG #
AAA91306

REACTIVITY
Monkey

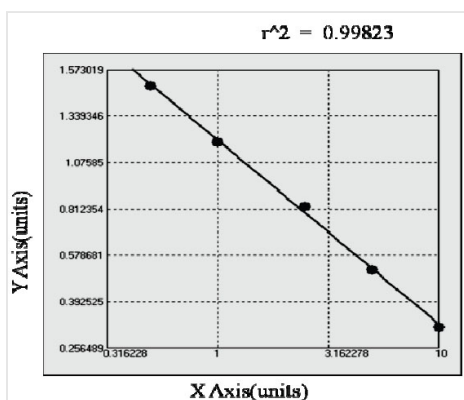
PRODUCT SYNONYMS

alpha-Galactosidase; Monkey alpha-Galactosidase ELISA Kit; Monkey a-Galactosidase ELISA Kit; alphaGAL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	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 alphaGAL elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This ?GA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey ?GA. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY ?GA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-?GA antibody and an ?GA-HRP conjugate. The assay sample and buffer are incubated together with ?GA-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 ?GA concentration since ?GA from samples and ?GA-HRP conjugate compete for the anti-?GA antibody binding site. Since the number of sites is limited, as more sites are occupied by ?GA from the sample, fewer sites are left to bind ?GA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ?GA concentration in each sample is interpolated from this standard curve.
Product Categories/Family for alphaGAL elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	553299
NCBI GeneID	2717
Molecular Weight	48,767 Da
NCBI Official Full Name	alpha-galactosidase, partial
NCBI Official Synonym Full Names	galactosidase, alpha
NCBI Official Symbol	GLA
NCBI Official Synonym Symbols	GALA
NCBI Protein Information	alpha-galactosidase A; melibiase; alpha-gal A; agalsidase alfa; alpha-D-galactosidase A; alpha-D-galactoside galactohydrolase 1
UniProt Protein Name	Alpha-galactosidase A
UniProt Gene Name	GLA
UniProt Entry Name	AGAL_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.