

Human alpha-galactosidase, alphaGAL ELISA Kit | alphaGAL elisa kit

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CATALOG #
AAA42331

REACTIVITY
Human

PRODUCT SYNONYMS

alpha-galactosidase; alphaGAL; Human alpha-galactosidase; alphaGAL ELISA Kit; alphaGAL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	64
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.01ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for alphaGAL elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Alpha-galactosidase (also known as AGAL) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human AGAL antibody. AGAL present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human AGAL Antibody is added and binds to AGAL in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AGAL antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human AGAL. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	553299
NCBI GeneID	2717
UniProt Accession #	P06280; Q6LER7
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
UniProt Protein Name	Alpha-galactosidase A
UniProt Gene Name	GLA

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/human-elisa-kits/alpha-galactosidase-alphagal/42331>