

Mouse beta-galactosidase, betaGAL ELISA Kit | betaGAL elisa kit

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CATALOG #
AAA42403

REACTIVITY
Mouse

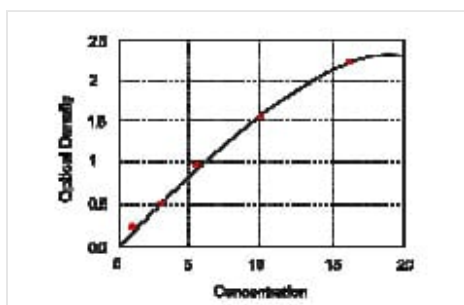
PRODUCT SYNONYMS

beta-galactosidase; betaGAL; Mouse beta-galactosidase; betaGAL ELISA Kit; betaGAL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	933
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.098ng/ml
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. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 betaGAL elisa kit

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

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse BGAL antibody. BGAL present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse BGAL Antibody is added and binds to BGAL in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated BGAL 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 Mouse BGAL. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32141169
NCBI GeneID	1097864
NCBI Accession #	NP_733571.1
NCBI GenBank Nucleotide #	NC_003888.3
NCBI Official Full Name	beta-galactosidase
NCBI Official Symbol	SCO2430
NCBI Official Synonym Symbols	SCC24.01; SCC42.11
NCBI Protein Information	beta-galactosidase

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/mouse-elisa-kits/beta-galactosidase-betagal/42403>