

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

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CATALOG #
AAA42168

REACTIVITY
Human

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
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	0.11ng/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 betaGAL elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Beta-galactosidase (also known as B GAL) 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 B GAL antibody. B GAL present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human B GAL Antibody is added and binds to B GAL in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated B GAL 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 B GAL. 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://www.aaabiotech.com/human-elisa-kits/beta-galactosidase-betagal/42168>