

Rat beta-galactosidase (betaGAL) ELISA Kit | betaGAL elisa kit

Rat beta-galactosidase (betaGAL) ELISA Kit

CATALOG #
AAA53310

REACTIVITY
Rat

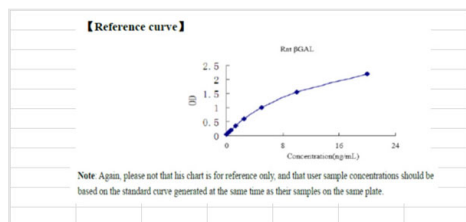
PRODUCT SYNONYMS

beta-galactosidase (betaGAL); Rat beta-galactosidase (betaGAL) ELISA Kit; Rat b-galactosidase (bGAL) ELISA Kit; betaGAL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	546
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for betaGAL elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat betaGAL monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	208022658
NCBI GeneID	2720
NCBI Accession #	NP_001129074.1

NCBI GenBank Nucleotide #	NM_001135602.1
Molecular Weight	72,751 Da
NCBI Official Full Name	beta-galactosidase isoform c preproprotein
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/beta-galactosidase-betagal/53310>