

Human Galactocerebrosidase ELISA Kit | GALC elisa kit

Human Galactocerebrosidase ELISA Kit

CATALOG #
AAA310132

REACTIVITY
Human

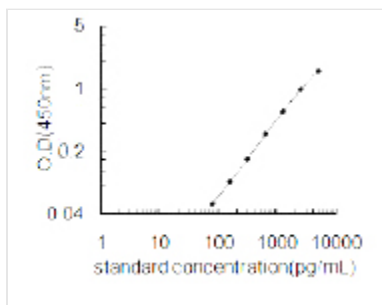
PRODUCT SYNONYMS

Galactocerebrosidase; Human Galactocerebrosidase ELISA Kit; GALCERase; Galactocerebroside beta-galactosidase; Galactosylceramidase; Galactosylceramide beta-galactosidase; GALC; 3.2.1.46; GALC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human GALCERase. No significant cross-reactivity or interference was observed. Note?Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between human GALCERase and all the analogues, therefore, cross reaction may still exist.
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	78.0 pg/mL -5000 pg/mL.
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GALC elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human galactocerebrosidase, GALCERase concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GALCERase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for GALCERase and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain GALCERase, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of GALCERase in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	83281450
NCBI GeneID	2581
NCBI Accession #	NP_000144.2
NCBI GenBank Nucleotide #	NM_000153.3
UniProt Accession #	P54803; Q8J030; B4DKE8; B4DYN1; B4DZJ8; B7Z7Z2; J3KN25; J3KPP8
Molecular Weight	67,184 Da
NCBI Official Full Name	galactocerebrosidase isoform a
NCBI Official Synonym Full Names	galactosylceramidase
NCBI Official Symbol	GALC
NCBI Protein Information	galactocerebrosidase
UniProt Protein Name	Galactocerebrosidase
UniProt Gene Name	GALC
UniProt Synonym Gene Names	GALCERase

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/galc-human-elisa-kits/galactocerebrosidase/310132>