

Human Neutral Alpha glucosidase AB (GANAB) ELISA Kit | GANAB elisa kit

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CATALOG #
AAA244511

REACTIVITY
Human

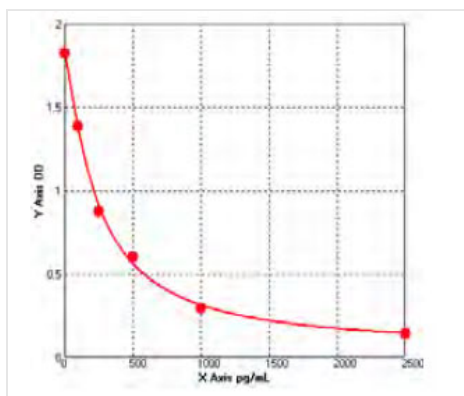
PRODUCT SYNONYMS

Neutral Alpha glucosidase AB (GANAB); Human Neutral Alpha glucosidase AB (GANAB) ELISA Kit; GANAB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GANAB. No significant cross-reactivity or interference between GANAB and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GANAB and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GANAB elisa kit	Intended Uses: This GANAB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human GANAB. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: GANAB ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-GANAB antibody and an GANAB-HRP conjugate. The assay sample and buffer are incubated together with GANAB-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GANAB concentration since GANAB from samples and GANAB-HRP conjugate compete for the anti-GANAB antibody binding site. Since the number of sites is limited, as more sites are occupied by GANAB from the sample, fewer sites are left to bind GANAB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GANAB concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38202257
NCBI GeneID	23193
NCBI Accession #	NP_938148.1
NCBI GenBank Nucleotide #	NM_198334.2
Molecular Weight	5,673 Da
NCBI Official Full Name	neutral alpha-glucosidase AB isoform 2
NCBI Official Synonym Full Names	glucosidase, alpha; neutral AB
NCBI Official Symbol	GANAB
NCBI Official Synonym Symbols	G2AN; GLUII
NCBI Protein Information	neutral alpha-glucosidase AB; HEL-S-164nA; alpha-glucosidase 2; glucosidase II subunit alpha; alpha glucosidase II alpha subunit; epididymis secretory sperm binding protein Li 164nA
UniProt Protein Name	Neutral alpha-glucosidase AB
UniProt Gene Name	GANAB
UniProt Synonym Gene Names	G2AN; KIAA0088
UniProt Entry Name	GANAB_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.