

Rat Histo-blood group ABO system transferase 1 ELISA Kit | Abo elisa kit

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CATALOG #
AAA57424

REACTIVITY
Rat

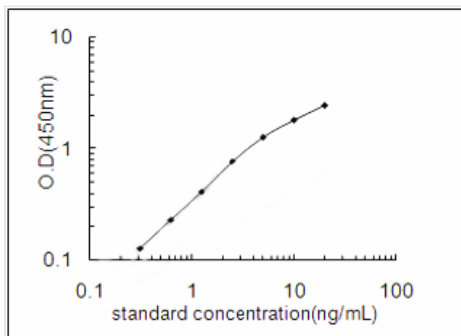
PRODUCT SYNONYMS

Histo-blood group ABO system transferase 1; Rat Histo-blood group ABO system transferase 1 ELISA Kit; Blood group A glycosyltransferase 1; Cis-AB transferase 1; Fucosylglycoprotein 3-alpha-galactosyltransferase; Abo elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural ratHisto-blood group ABO system transferase 1. No significant cross-reactivity or interference was observed.
Sequence Length	348
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.156 ng/mL
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=6.5%
Recovery	96%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Abo elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of Histo-blood group ABO system transferase 1 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 Histo-blood group ABO system transferase 1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Histo-blood group ABO system transferase 1 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 Histo-blood group ABO system transferase 1, 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 +/- 2 nm. The concentration of Histo-blood group ABO system transferase 1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148747204
NCBI GeneID	65270
NCBI Accession #	NP_075582.3
NCBI GenBank Nucleotide #	NM_023094.3
UniProt Accession #	Q9ET32; Q8CFC5; Q8CFC6; Q8R005; Q8R4Y3; Q8R552
Molecular Weight	40,375 Da
NCBI Official Full Name	histo-blood group ABO system transferase 1
NCBI Official Synonym Full Names	globoside alpha-1,3-N-acetylgalactosaminyltransferase 1
NCBI Official Symbol	Gbgt1
NCBI Official Synonym Symbols	Abo; Abol1
NCBI Protein Information	histo-blood group ABO system transferase 1
UniProt Protein Name	Histo-blood group ABO system transferase 1
UniProt Gene Name	Abo
UniProt Synonym Gene Names	Abol1; A transferase; B transferase
UniProt Entry Name	BGAT1_RAT

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/rat-elisa-kits/histo-blood-group-abo-system-transferase-1/57424>