

Human Histo-blood group ABO system transferase (ABO) ELISA Kit | ABO elisa kit

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CATALOG #
AAA180397

REACTIVITY
Human

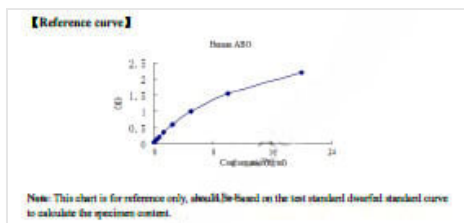
PRODUCT SYNONYMS

Histo-blood group ABO system transferase (ABO); Human Histo-blood group ABO system transferase (ABO) ELISA Kit; ABO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Samples	Serum, plasma or cell culture supernatant
Assay Type	Quantitative 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 ABO elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is human ABO monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	58331216
NCBI GeneID	28
NCBI Accession #	NP_065202.2

NCBI GenBank Nucleotide #	NM_020469.2
UniProt Accession #	P16442 ; O14758 ; Q14490 ; Q53I57 ; Q6ISD4 ; Q6KFZ2 ; Q70V27 ; Q99484 ; Q99485 ; Q9NY01 ; Q9UQ68 ; B0JDB9
Molecular Weight	40,934 Da
NCBI Official Full Name	histo-blood group ABO system transferase
NCBI Official Synonym Full Names	ABO blood group (transferase A, alpha 1-3-N-acetylgalactosaminyltransferase; transferase B, alpha 1-3-galactosyltransferase)
NCBI Official Symbol	ABO
NCBI Official Synonym Symbols	GTB; NAGAT; A3GALNT; A3GALT1
NCBI Protein Information	histo-blood group ABO system transferase; ABO weak transfer; ABO A3 transferase; ABO glycosyltransferase; histo-blood group A transferase; histo-blood group B transferase; histo-blood group A2 transferase; B(A) alpha-1,3-galactosyltransferase; fucosylglycoprotein 3-alpha-galactosyltransferase; fucosylglycoprotein alpha-N-acetylgalactosaminyltransferase; glycoprotein-fucosylgalactoside alpha-galactosyltransferase; glycoprotein-fucosylgalactoside alpha-N-acetylgalactosaminyltransferase
UniProt Protein Name	Histo-blood group ABO system transferase
UniProt Gene Name	ABO
UniProt Synonym Gene Names	A transferase; B transferase
UniProt Entry Name	BGAT_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.