

Human Alpha-1B-glycoprotein, A1BG ELISA Kit | A1BG elisa kit

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CATALOG #
AAA11281

REACTIVITY
Human

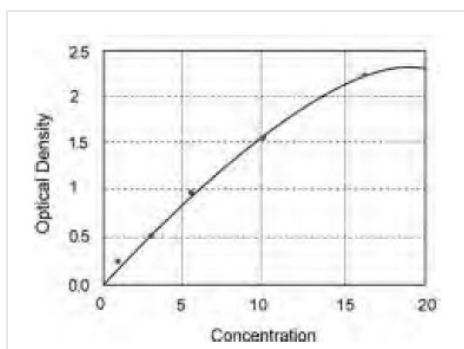
PRODUCT SYNONYMS

Alpha-1B-glycoprotein; A1BG; Human Alpha-1B-glycoprotein; A1BG ELISA Kit; A1BG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	495
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-30mg/L
Sensitivity	0.027mg/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for A1BG elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human A1BG antibody. A1BG present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human A1BG Antibody is added and binds to A1BG in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated A1BG antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human A1BG. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Alpha-1B-glycoprotein (also known as A1BG) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21071030
NCBI GeneID	1
NCBI Accession #	NP_570602.2
NCBI GenBank Nucleotide #	NM_130786.3
UniProt Accession #	P04217; Q68CK0; Q8IYJ6; Q96P39; A8K052
Molecular Weight	40,718 Da
NCBI Official Full Name	alpha-1B-glycoprotein
NCBI Official Synonym Full Names	alpha-1-B glycoprotein
NCBI Official Symbol	A1BG
NCBI Official Synonym Symbols	A1B; ABG; GAB; HYST2477
NCBI Protein Information	alpha-1B-glycoprotein
UniProt Protein Name	Alpha-1B-glycoprotein
UniProt Gene Name	A1BG

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.