

Human Alpha-1B-Glycoprotein (A1BG) ELISA Kit | A1BG elisa kit

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CATALOG #
AAA331034

REACTIVITY
Human

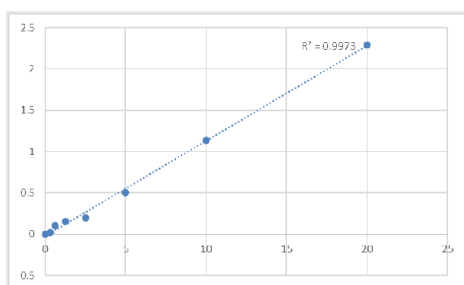
PRODUCT SYNONYMS

Alpha-1B-Glycoprotein (A1BG); Human Alpha-1B-Glycoprotein (A1BG) ELISA Kit; A1BG; A1B; ABG; DKFZp686F0970; GAB; HYST2477; alpha 1B-glycoprotein; A1BG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Alpha-1B-glycoprotein (A1BG) ELISA Kit has high sensitivity and excellent specificity for detection of Human A1BG. No significant cross-reactivity or interference between Human A1BG and analogues was observed.
Sequence Length	503
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Alpha-1B-glycoprotein (A1BG) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for A1BG elisa kit	Description: This Human Alpha-1B-glycoprotein (A1BG) ELISA Kit employs a two-site sandwich ELISA to quantitate A1BG in samples. An antibody specific for A1BG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any A1BG present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for A1BG is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of A1BG bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Alpha-1B-glycoprotein is present in normal adult plasma at an average concentration of 22 mg/dl. Gahne et al. (1987) observed genetic polymorphism of A1B using one-dimensional horizontal polyacrylamide gel electrophoresis followed by Western blotting with specific antiserum. Three different phenotypes, designated 1-1, 1-2, and 2-2, were observed. Family data supported the hypothesis that the three phenotypes are determined by 2 codominant alleles at an autosomal locus. In pigs the homologous locus is linked to malignant hyperthermia. Several other linkages in pigs and in horses suggest that human chromosomes 19, 6, and 1 are 'candidate chromosomes' for bearing the human A1B.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	114053019
NCBI GeneID	518955
NCBI Accession #	NP_001039708.1
NCBI GenBank Nucleotide #	NP_001039708.1
UniProt Accession #	Q2KJF1
NCBI Official Full Name	alpha-1B-glycoprotein
NCBI Official Synonym Full Names	alpha-1-B glycoprotein
NCBI Official Symbol	A1BG
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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/alpha-1b-glycoprotein-a1bg/331034>