

Human zinc-alpha-2-glycoprotein (AZGP1) ELISA Kit | AZGP1 elisa kit

Human zinc-alpha-2-glycoprotein, AZGP1 ELISA Kit

CATALOG #
AAA15865

REACTIVITY
Human

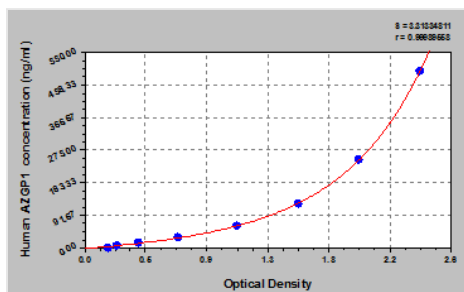
PRODUCT SYNONYMS

zinc-alpha-2-glycoprotein (AZGP1); Human zinc-alpha-2-glycoprotein; AZGP1 ELISA Kit; Human zinc-alpha-2-glycoprotein (AZGP1) ELISA kit; alpha-2-glycoprotein 1; zinc-binding AZGP1 ZA2G; ZAG; Alpha-2-glycoprotein; zinc; Zn-alpha2-glycoprotein; AZGP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human AZGP1. No significant cross-reactivity or interference between human AZGP1 and analogues was observed.
Sequence Length	298
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	7.8 ng/ml-500 ng/ml
Sensitivity	< 1.95 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AZGP1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for AZGP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any AZGP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for AZGP1 is added to the wells. After washing, avidin 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 AZGP1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502337
NCBI GeneID	563
NCBI Accession #	NP_001176.1
NCBI GenBank Nucleotide #	NM_001185.3
UniProt Accession #	P25311; O60386; Q5XKQ4; Q8N4N0; D6W5T8
Molecular Weight	34,259 Da
NCBI Official Full Name	zinc-alpha-2-glycoprotein
NCBI Official Synonym Full Names	alpha-2-glycoprotein 1, zinc-binding
NCBI Official Symbol	AZGP1
NCBI Official Synonym Symbols	ZAG; ZA2G
NCBI Protein Information	zinc-alpha-2-glycoprotein; zn-alpha-2-GP; Zn-alpha2-glycoprotein; zn-alpha-2-glycoprotein; Alpha-2-glycoprotein, zinc
UniProt Protein Name	Zinc-alpha-2-glycoprotein
UniProt Gene Name	AZGP1
UniProt Synonym Gene Names	ZAG; ZNGP1; Zn-alpha-2-GP; Zn-alpha-2-glycoprotein
UniProt Entry Name	ZA2G_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.