

Human Alpha-2-Hs-Glycoprotein, AHSG ELISA Kit | AHSG elisa kit

Human Alpha-2-Hs-Glycoprotein, AHSG Primacu ELISA Kit

CATALOG #
AAA124348

REACTIVITY
Human

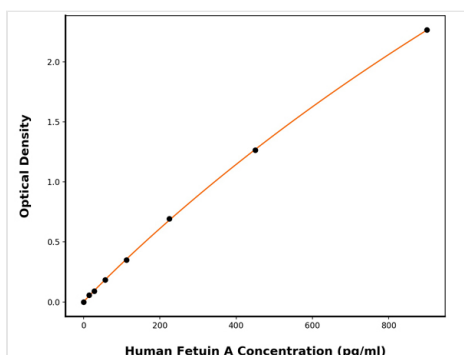
PRODUCT SYNONYMS

Alpha-2-Hs-Glycoprotein; AHSG; Human Alpha-2-Hs-Glycoprotein; AHSG Primacu ELISA Kit; Alpha-2-HS-glycoprotein; Fetuin A; FETUA; AHSG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	14.06-900pg/mL
Sensitivity	6.28pg/mL
Standard Solution	9ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for AHSG elisa kit	Fetuin-A, also known as Alpha-2-HS-Glycoprotein (AHSG), belongs to the Fetuin family, is a plasma binding protein, and is more abundant in fetal than adult blood. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. Fetuins are carrier proteins like albumin. Fetuin-A forms soluble complexes with calcium and phosphate and thus is a carrier of otherwise insoluble calcium phosphate. Thus Fetuin-A is a potent inhibitor of pathological calcification. The circulating levels of fetuin-A, a well-described inhibitor of calcification, regulate the cell-dependent process of osteogenesis. The low circulating fetuin-A levels are associated with a greater prevalence and/or severity of Vascular calcification (VC) and increased risk for all-cause and cardiovascular mortality. However, high circulating fetuin-A levels appear to induce insulin resistance and, in non-dialyzed subjects with diabetic nephropathy, are directly related to VC burden. The emerging role of fetuin-A deficiency as a risk factor in dialysis patients was documented in cross-sectional studies demonstrating a significant correlation with all-cause and cardiovascular mortality. Additionally, Human fetuin-A is a negative acute phase protein involved in inflammatory diseases, thus being a potential physiological regulator of meprin activity. Fetuin-A is a broad-range protease inhibitor. Fetuin-A and cystatin C as endogenous proteolytic regulators of meprin activity broadens our understanding of the proteolytic network in plasma.
Product Categories/Family for AHSG elisa kit	Primacu ELISA Kit; Metabolism; Neuroscience; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	112910
NCBI GeneID	197
UniProt Accession #	P02765; O14961; O14962; Q9P152; A8K9N6; B2R7G1; AAB29984
Molecular Weight	367
NCBI Official Full Name	Alpha-2-HS-glycoprotein
NCBI Official Synonym Full Names	alpha-2-HS-glycoprotein
NCBI Official Symbol	AHSG
NCBI Official Synonym Symbols	AHS; A2HS; HSGA; FETUA
NCBI Protein Information	alpha-2-HS-glycoprotein; fetuin-A; alpha-2-Z-globulin; ba-alpha-2-glycoprotein
UniProt Protein Name	Alpha-2-HS-glycoprotein
UniProt Gene Name	AHSG
UniProt Synonym Gene Names	FETUA
UniProt Entry Name	FETUA_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.