Human Fetuin A ELISA Kit

Catalog No: #EK5322

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Human Fetuin A ELISA Kit
Specificity	Human
Crossing Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Immunogen Type	NSO,A19-V367
Other Names	Alpha-2-HS-glycoprotein; Alpha-2-Z-globulin; Ba-alpha-2-glycoprotein; Fetuin-A; Alpha-2-HS-glycoprotein chain A; Alpha-2-HS-glycoprotein chain B; AHSG; FETUA; PRO2743;
Accession No.	P02765
Uniprot	P02765
GeneID	197;
Cell Localization	Secreted.

Application Details

sensitivity:10pg mlDetect Range:0.78ng ml-50ng mlsample_type:cell culture supernates cell lysates tissue homogenates serum and plasma (heparin EDTA).capture_antibody:monoclonal antibody from mousedetection_antibody:polyclonal antibody from goatgene_name:AHSGprotein_name:Alpha-2-HS-glycoproteingene_full_name:Alpha-2-HS-glycoproteintissue_specificity: Synthesized in liver and selectivelyconcentrated in bone matrix. Secreted in plasma. It is also foundin dentin in much higher quantities than other plasma proteins.sequence_similarities:Belongs to the fetuin family.tmb_incubation:20-25minresearch_category:cardiovascular|blood|serum proteins|neuroscience|neurology process|neurogenesis|metabolism|types of disease|obesity

Product Description

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human Fetuin A

Background

protein_function: Promotes endocytosis, possesses opsonic properties andinfluences the mineral phase of bone. Shows affinity for calciumand barium ions.Alpha2-HS glycoprotein(AHSG), also known as fetuin-A, is a plasma protein displaying high-affinity interaction with calcium phosphate, by which ectopic vascular calcification is prevented. The AHSG polymorphism is attributable to the hereditary variation of AHSG and phosphate serum levels, which may affect skeletal development and chronic disorders such as vascular calcification.1Human plasma protein alpha 2-HS-glycoprotein(AHSG) is composed of two polypeptide chains, A and B, encoded by a single mRNA. Southern blot analysis of mouse x human somatic cell hybrids has mapped the AHSG gene to human chromosome 3 in the region 3q21----qter. Using a recombinant plasmid containing a 1,538 bp insert spanning the entire AHSG coding region, AHSG was localized to chromosomal bands 3q27----q29 by in situ hybridization.2

Note: This product is for in vitro research use only