

Mouse Alpha-2-Heremans Schmid Glycoprotein (aHSG) ELISA Kit | aHSG elisa kit

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CATALOG #
AAA63717

REACTIVITY
Mouse

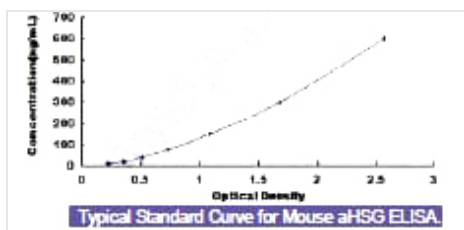
PRODUCT SYNONYMS

Alpha-2-Heremans Schmid Glycoprotein (aHSG); Mouse Alpha-2-Heremans Schmid Glycoprotein (aHSG) ELISA Kit; HSGa; A2HS; AHS; FETUA; HSG-A2; Fetuin-A; Alpha 2-HS Glycoprotein; Fetuin A; Alpha-2-Z-Globulin; Ba-alpha-2-Glycoprotein; aHSG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of aHSG. No significant cross-reactivity or interference between aHSG and analogues was observed.
Sequence Length	345
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	9.375-600ng/mL
Sensitivity	3.64ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level aHSG were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level aHSG were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for aHSG elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of aHSG in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to aHSG. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to aHSG. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain aHSG, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of aHSG in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7304875
NCBI GeneID	11625
NCBI Accession #	NP_038493.1
NCBI GenBank Nucleotide #	NM_013465.2
UniProt Accession #	P29699; O35634
Molecular Weight	37,326 Da
NCBI Official Full Name	alpha-2-HS-glycoprotein isoform 1
NCBI Official Synonym Full Names	alpha-2-HS-glycoprotein
NCBI Official Symbol	Ahsg
NCBI Protein Information	alpha-2-HS-glycoprotein
UniProt Protein Name	Alpha-2-HS-glycoprotein
UniProt Gene Name	Ahsg
UniProt Synonym Gene Names	Fetua

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/mouse-elisa-kits/alpha-2-heremans-schmid-glycoprotein-ahsg/63717>