

## Human Alpha 2 HS glycoprotein (AHSG) ELISA Kit | AHSG elisa kit

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CATALOG #  
**AAA244409**

REACTIVITY  
**Human**

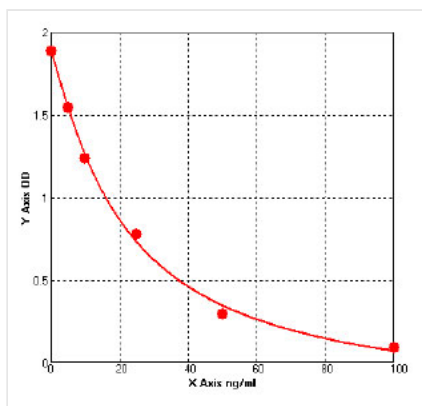
### PRODUCT SYNONYMS

Alpha 2 HS glycoprotein (AHSG); Human Alpha 2 HS glycoprotein (AHSG) ELISA Kit; AHSG elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                    |
| 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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between AHSG and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                 |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                               |
| Sensitivity             | 1.0 ng/mL                                                                                                                                                                                                                                                                                                                                                                                |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                      |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for AHSG elisa kit | <p>Principle of the Assay: AHSG ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-AHSG antibody and an AHSG-HRP conjugate. The assay sample and buffer are incubated together with AHSG-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the AHSG concentration since AHSG from samples and AHSG-HRP conjugate compete for the anti-AHSG antibody binding site. Since the number of sites is limited, as more sites are occupied by AHSG from the sample, fewer sites are left to bind AHSG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AHSG concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This AHSG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human AHSG. This ELISA kit for research use only, not for therapeutic or test applications!</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 112910                                                                         |
| NCBI GeneID                      | 197                                                                            |
| Molecular Weight                 | 39,325 Da                                                                      |
| 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; PRO2743                                                                 |
| 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.