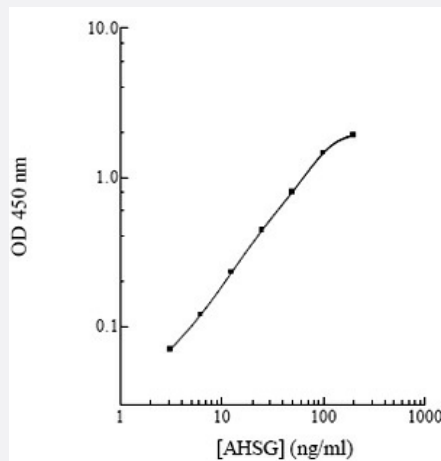


# AHSG (Human) ELISA Kit

Catalog # KA0478

Size 1 Kit

## Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

|                                |                                                                                                                                                                                                   |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | AHSG (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human AHSG.                                                                                           |
| <b>Suitable Sample</b>         | Cell Culture Sample, CSF, Milk, Plasma, Serum, Urine                                                                                                                                              |
| <b>Sample Volume</b>           | 50 $\mu$ L                                                                                                                                                                                        |
| <b>Label</b>                   | Peroxidase-conjugated                                                                                                                                                                             |
| <b>Detection Method</b>        | Colorimetric                                                                                                                                                                                      |
| <b>Assay Type</b>              | Quantitative                                                                                                                                                                                      |
| <b>Calibration Range</b>       | 3.125 to 200 ng/mL                                                                                                                                                                                |
| <b>Reactivity</b>              | Human                                                                                                                                                                                             |
| <b>Regulation Status</b>       | For research use only (RUO)                                                                                                                                                                       |
| <b>Quality Control Testing</b> | Standard curve<br>The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed. |

## Storage Instruction

Store components of the kit at 4°C or -20°C as described in the protocol.

## Applications

- Quantification

## Gene Info — AHSG

Entrez GeneID [197](#)

Gene Name AHSG

Gene Alias A2HS, AHS, FETUA, HSGA

Gene Description alpha-2-HS-glycoprotein

Omim ID [138680](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** Alpha2-HS glycoprotein (AHSG), a glycoprotein present in the serum, is synthesized by hepatocytes. The AHSG molecule consists of two polypeptide chains, which are both cleaved from a proprotein encoded from a single mRNA. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. The protein is commonly present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix, and it has therefore been postulated that it participates in the development of the tissues. However, its exact significance is still obscure. [provided by RefSeq]

**Other Designations** Alpha-2HS-glycoprotein|fetuin-A

## Publication Reference

- [Can Serum Fetuin-A Be Regarded as an Inflammatory Marker Among Patients with Familial Mediterranean Fever?](#)

Oncu K, Yazgan Y, Tanoglu A, Kaplan M, Ermis F, Ipcioglu OM, Kara M, Kucuk I, Ozari HO.

Digestive Diseases and Sciences 2013 Nov; 58(11):3212.

Application: ELISA, Human, Plasma

- [Genetic association of alpha2-Heremans-Schmid glycoprotein polymorphism with late-onset Alzheimer's disease in Italians.](#)

Geroldi D, Minorette P, Bianchi M, Di Vito C, Reino M, Bertona M, Emanuele E.

Neuroscience Letters 2005 Oct; 386(3):176.

- [Myocardial stiffness, cardiac remodeling, and diastolic dysfunction in calcification-prone fetuin-A-deficient mice.](#)

Merx MW, Schafer C, Westenfeld R, Brandenburg V, Hidajat S, Weber C, Ketteler M, Jahnke-Dechent W.

Journal of the American Society of Nephrology 2005 Nov; 16(11):3357.

Application: Quant, Mouse, Mouse serum

- [Alpha 2-HS-glycoprotein: expression in chondrocytes and augmentation of alkaline phosphatase and phospholipase A2 activity.](#)

Yang F, Schwartz Z, Swain LD, Lee CC, Bowman BH, Boyan BD.

Bone 1991 Jan; 12(1):7.

## Disease

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Body Weight](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Coronary Disease](#)
- [Delayed Graft Function](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Dyslipidemias](#)
- [Edema](#)

- [Endometriosis](#)
- [Genetic Predisposition to Disease](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Malnutrition](#)
- [Metabolic Syndrome X](#)
- [Nephrolithiasis](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Postoperative Complications](#)
- [Thinness](#)
- [Tobacco Use Disorder](#)
- [Vascular Diseases](#)