

Product datasheet

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ARG82615 Mouse AHSG ELISA Kit

Package: 96 wells Store at: 4°C

Summary

Product Description ARG82615 Mouse AHSG ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse AHSG

in serum, plasma and cell culture supernatants.

Tested Reactivity Ms

Tested Application ELISA

Target Name AHSG

Conjugation HRP

Conjugation Note Substrate: TMB and read at 450 nm.

Sensitivity 312.5 pg/ml

Sample Type Serum, plasma and cell culture supernatants.

Standard Range 625 - 40000 pg/ml

Sample Volume $100 \ \mu l$

Precision Intra-Assay CV: 2.7%

Inter-Assay CV: 4.1%

Alternate Names A2HS; Alpha-2-HS-glycoprotein; HSGA; Ba-alpha-2-glycoprotein; AHS; FETUA; Alpha-2-Z-globulin; Fetuin-

Α

Properties

Form 96 well

Storage instruction Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test

reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual

for detail temperatures of the components.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol AHSG

Gene Full Name alpha-2-HS-glycoprotein

Background 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, Jul 2008]

Function Promotes endocytosis, possesses opsonic properties and influences the mineral phase of bone. Shows

affinity for calcium and barium ions. [UniProt]

Highlight Related products:

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AHSG antibodies; AHSG ELISA Kits; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

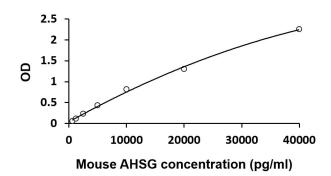
PTM Phosphorylated by FAM20C in the extracellular medium.

O- and N-glycosylated. O-glycosylated with core 1 or possibly core 8 glycans. N-glycan at Asn-156: Hex5HexNAc4; N-glycan heterogeneity at Asn-176: Hex5HexNAc4 (major) and Hex6HexNAc5 (minor).

[UniProt]

Cellular Localization Secreted. [UniProt]

Images



ARG82615 Mouse AHSG ELISA Kit standard curve image

ARG82615 Mouse AHSG ELISA Kit results of a typical standard run with optical density reading at 450 nm.