

PRODUCT DATA SHEET

Fetuin-A (AHSG) NATIVE, Human Plasma

Cat. No.: RD172037100

Size: 0.1 mg

Source: Human plasma

Type: Native protein

Species: Human

Other Names:

Alpha-2-HS-glycoprotein, Ba-alpha-2-glycoprotein, Alpha-2-Z-globulin, Fetuin A, AHSG, FETUA, PRO2743

Description:

Native protein isolated from human pooled plasma, 349 AA, MW: 37.3 kDa (calculated without glycosylation). Protein identity confirmed by MS.

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/ug

Formulation:

Filtered (0.4 µm) and lyophilized from 0.5 mg/mL solution in 20 mM Tris buffer, 200 mM NaCl, pH 8.0

Reconstitution:

Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Product is not sterile! Filter your culture media/working solutions containing this product before using in cell culture.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for three days.

Quality Control:

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
Endotoxin level determination.

Applications:

ELISA, Western blotting

Note:

All blood samples used for protein preparation were tested and found negative for HBsAg, anti-HCV, anti-HBc and anti-HIV 1 and 2. Since no test can absolutely assure the absence of all infectious agents, this product should be handled as a potential biohazard. This product is intended for research use only.