

## PRODUCT DATA SHEET

### Coagulation Factor VIII, Human, Purified Protein

**Cat. No.:** RP1723170600

**Size:** 600 IU

**Source:** Human plasma

**Type:** Native protein

**Species:** Human

**Other Names:**

Coagulation factor VIII, Procoagulant component, Antihemophilic factor, AHF, F8, F8C, F8B, HEMA, FVIII, DXS1253E, F8 protein.

**Description:**

Human Factor VIII produced from Human Plasma contains 2332 amino acids and having a molecular mass of 330kDa. Factor-VIII is effective in the correction and prevention of severe bleeding episodes attributed to Factor VIII deficiency. The Factor-VIII is purified by proprietary chromatographic techniques.

**Formulation:**

The lyophilized Factor VIII was lyophilized from a sterile solution containing 1.5% Glycine, 160mM Calcium chloride and 25mM NaCitrate and 25mM NaCl.

**Reconstitution:**

It is recommended to reconstitute the lyophilized Factor-VIII in sterile 18MΩ-cm H<sub>2</sub>O at a concentration of 200IU/ml, which can then be further diluted to other aqueous solutions.

**Shipping:**

2 ~ 8°C. Upon receipt, store the product at the temperature recommended below, all components are stable until the expiration date (see label on the vial).

**Storage/Stability:**

Lyophilized Factor-VIII although stable at room temperature for 1 week, should be stored desiccated between 2-8°C. Upon reconstitution Factor-VIII should be stored at 4°C. Please prevent freeze-thaw cycles.

**Note:**

BioVendor's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

The plasma is collected from donors with Hepatitis B vaccinated. Each unit of plasma has been tested for HBsAg, Anti-HIV-1/2 plus O and Anti-HCV.