

## Blood Coagulation Factor V Reference standard

Cat. No. F5-12H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** The Reference Standard for Factor V, Plasma, Human consists of ampoules containing approximately 1 mL aliquots of pooled normal human plasma, freeze-dried.

**Species** Human

**Enzyme Unit** The assigned value for Factor V clotting activity is 0.74 IU/ampoule. Uncertainty: the assigned unitage does not carry an uncertainty associated with its calibration. The uncertainty may therefore be considered to be the variance of the ampoule content and was determined to be +/- 0.05 %.

**Usage** No attempt should be made to weigh out any portion of the freeze-dried material prior to reconstitution. To reconstitute, allow ampoules to warm to room temperature. Open the ampoule following the directions given in section 6 taking care to ensure that all material is in the lower part, and reconstitute with 1.0 mL distilled water. Stand for 10 minutes at room temperature to allow complete dissolution of the material. It is recommended that the reconstituted standard is transferred to a stoppered plastic tube and stored on melting ice until used.

**Notes** This preparation is not for administration to humans. The preparation contains material of human origin, and either the final product or the source materials, from which it is derived, have been tested and found negative for HBsAg, anti-HIV and HCV RNA. As with all materials of biological origin, this preparation should be regarded as potentially hazardous to health. It should be used and discarded

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according to your own laboratorys safety procedures. Such safety procedures should include the wearing of protective gloves and avoiding the generation of aerosols. Care should be exercised in opening ampoules or vials, to avoid cuts.

**Stability**

Reference materials are held at Creative Biomart within assured temperature-controlled storage facilities and they should be stored on receipt as indicated on the label. Accelerated degradation studies have indicated that this material is suitably stable, when stored at -20 °C or below, for the assigned values to remain valid until the material is withdrawn or replaced. These studies have also shown that the material is suitably stable for shipment at ambient temperature without any effect on the assigned values. Users who have data supporting any deterioration in the characteristics of any reference preparation are encouraged to contact Creative Biomart.

**Storage**

Unopened ampoules should be stored in the dark at -20 °C or below. Please note: because of the inherent stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

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