

Recombinant Human Thromboplastin, Plain Reference standard

Cat. No. F3-172H Lot. No. (See product label)

SPECIFICATION

Product Overview

This material consists of ampoules containing freeze-dried recombinant human tissue factor.

Species

Human

Usage

No attempt should be made to weigh out any portion of the freeze-dried material prior to reconstitution. Equilibrate ampoules at room temperature for at least 15 minutes before reconstitution. Each ampoule of the freeze-dried material is to be reconstituted with exactly 1.0 ml of the provided reconstitution fluid. Do not attempt to mix the contents by placing the thumb over the open end of the ampoule. Leave the ampoule undisturbed for 20 minutes at room temperature and then swirl gently to dissolve the contents. Ensure that the entire freeze-dried residue is dissolved. Pool the contents of ampoules if more than one is needed to complete any one calibration session. Leave the reconstituted thromboplastin at room temperature and use within 2 hours of reconstitution. Unused material should be discarded.

Notes

This preparation is not for administration to humans. This preparation does not contain any material of human origin (see Section 4 for detailed description of contents). As with all materials of biological origin, this preparation should be regarded as potentially hazardous to health. It should be used and discarded according to your own laboratory's 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.

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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. Stability 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is suitably stable, when stored at -20 °C or below, for the assigned values to remain valid until the material is withdrawn or replaced.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. Store reconstitution fluid at 2 - 8 °C. Please note: because of the inherent stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

GENE INFORMATION

Gene Name	F3 coagulation factor III (thromboplastin, tissue factor) [Homo sapiens];
Official Symbol	F3
Synonyms	F3; coagulation factor III (thromboplastin, tissue factor); tissue factor; CD142; TF; TFA; FLJ17960;
Gene ID	2152
mRNA Refseq	NM_001178096
Protein Refseq	NP_001171567
MIM	134390

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UniProt ID	P13726
Chromosome Location	1p22-p21
Pathway	Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Extrinsic Pathway, organism-specific biosystem; Formation of Fibrin Clot (Clotting Cascade), organism-specific biosystem; Hemostasis, organism-specific biosystem;
Function	cell surface binding; phospholipid binding; protease binding; protein binding;

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