

Antithrombin Reference standard

Cat. No. F2-180H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The reference Standard for Antithrombin, Plasma, consists of ampoules, containing approximately 1ml aliquots of normal human plasma, freeze dried.
Species	Human
Usage	No attempt should be made to weigh out any portion of the freeze-dried material prior to reconstitution. Allow ampoules to warm to room temperature. Open ampoule, taking care to ensure that all material is in lower part, and reconstitute with 1.0ml distilled water using gentle agitation. Transfer the contents to a plastic tuben store on melting ice and use as soon as possible upon reconstitution.
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 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. Reference Materials should be stored on receipt as indicated on the label.

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Storage

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

GENE INFORMATION

Gene Name F2 coagulation factor II (thrombin) [Homo sapiens];

Official Symbol F2

Synonyms PT; THPH1; RPRGL2; prothrombin; serine protease; prothrombin B-chain; prepro-coagulation factor II

Gene ID 2147

mRNA Refseq NM_000506

Protein Refseq NP_000497

MIM 176930

UniProt ID P00734

Chromosome Location 11p11

Pathway Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem

Function calcium ion binding; growth factor activity; protein binding

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