

Reteplase Reference standard

Cat. No. PLAT-36H Lot. No. (See product label)

SPECIFICATION

Product Overview	The agreed potency is 24.3 milliunits per ampoule. This reference material is intended for use as a standard to determine the fibrinolytic activity of Reteplase test solutions in enzymatic bioassay systems.
Species	Human
Enzyme Unit	24.3 milliunits per ampoule.
Usage	No attempt should be made to weigh out any portion of the freeze-dried material prior to 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.
Storage	Please store at -20 °C or below, away from direct light Please note: because of the

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inherent stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

GENE INFORMATION

Gene Name [PLAT plasminogen activator, tissue \[Homo sapiens \]](#);

Official Symbol [PLAT](#)

Synonyms [PLAT](#); plasminogen activator, tissue; tissue-type plasminogen activator; alteplase; reteplase; t-plasminogen activator; plasminogen activator, tissue type; tissue plasminogen activator (t-PA); TPA; T-PA; DKFZp686I03148;

Gene ID [5327](#)

mRNA Refseq [NM_000930](#)

Protein Refseq [NP_000921](#)

MIM [173370](#)

UniProt ID [P00750](#)

Chromosome Location [8p11.21](#)

Pathway [Blood Clotting Cascade, organism-specific biosystem](#); [Complement and Coagulation Cascades, organism-specific biosystem](#); [Complement and coagulation cascades, organism-specific biosystem](#); [Complement and coagulation cascades, conserved biosystem](#); [Dissolution of Fibrin Clot, organism-specific biosystem](#); [Endochondral Ossification, organism-specific biosystem](#); [Hemostasis, organism-specific biosystem](#);

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Function

peptidase activity; protein binding; serine-type endopeptidase activity; serine-type endopeptidase activity;

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