

thrombin active protein

Thrombin, Human Plasma

CATALOG #
AAA44822

PRODUCT SYNONYMS

Thrombin; Human Plasma; Factor IIa; Human - >2; 800 NIH U/mg protein; thrombin active protein

PRODUCT SPECIFICATIONS

Purity/Purification	>= 95% (SDS-PAGE)
Form/Format	Lyophilized
Sequence Length	239
Source	Human Plasma
EC Number	3.4.21.5
UNSPSC Code	51131907
Specific Activity	> 2,800 NIH U/mg protein
Solubility	1 mg/mL saline (Clear, colorless to light yellow solution)
Reconstitution	A working stock solution is prepared by adding 1 mL buffered saline, pH 7.4 (ex. 25mM HEPES, 150mM sodium chloride, 0.1% PEG 8000, pH 7.4). Further dilution should be made in buffer containing a suitable blocking agent such as 0.1%-1% Prionex, BSA or PEG.
Recertification	3 years
CAS Number	2594047
Preparation and Storage	At -20 degree C

ADDITIONAL INFORMATION

Related Product Information for thrombin active protein	AAA Biotech manufactures high purity human plasma Thrombin, in bulk and research quantities for manufacturing. Custom preparations, technical support, bulk quantities and aliquoting available. Activity is expressed in NIH units obtained by direct comparison to a NIH Thrombin Reference Standard, lot K. The NIH assay procedure used 0.2 mL plasma diluted 1:1 with saline as substrate and 0.1 mL of thrombin sample diluted in 1% buffered albumin solution. Based on a modification of the method of Biggs. Only clotting times in the range of 15-25 seconds are used for determining thrombin concentrations.
Product Categories/Family for thrombin active protein	Proteins ; Antigens ; Enzymes ; Standards/controls ; Native Proteins ; Thrombin

NCBI AND UNIPROT INFORMATION

NCBI GI #	213487
Molecular Weight	36 kDa
NCBI Official Full Name	thrombin, partial

UniProt Protein Name	Thrombin
UniProt Gene Name	thrombin
UniProt Entry Name	Q91218_ONCMY

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/active-protein/thrombin/44822>