

uPA, human

Urokinase Plasminogen Activator

100.000 IU



REF. EZ005-CC

For In vitro Laboratory Use Only
Not for Use in Diagnostic Procedures

DESCRIPTION

Purified Urokinase Plasminogen Activator extracted from human urine, mainly in the High Molecular Weight form (about 85 %).

CAS. No. 9039-53-6

EC. No. 232-917-9

Vial content:

Urokinase Plasminogen Activator (uPA), lyophilized at 100,000 International Units (IU) per vial, in presence of excipients (hepes buffer, Polyethylene-Glycol 6,000, and mannitol).

Reconstitution:

Restore each vial with 5.0 mL of distilled water, to obtain a uPA solution containing 20,000 IU/mL, in HEPES-PEG buffer at pH 7.40.

Characteristics:

Major band of 54,000 Da corresponding to HMW-uPA, and minor band at 33,000 Da corresponding to LMW urokinase.

Specific activity > 100,000 IU/mg protein.

APPLICATION

All laboratory applications where a source of uPA is required.

Viral safety:

Urokinase Plasminogen Activator is extracted from human urines.

As any material from human origin, it must be handled with caution, as potentially infectious, and operators must wear standard protective laboratory equipment for handling that material (laboratory coat and gloves).

STORAGE AND STABILITY of RESTORED MATERIAL:

- At 2 to 8°C, in the lyophilized form, stable until the retest date indicated on the label.
- When restored:
 - 24 hours at room temperature (18-25°C).
 - 72 hours at 2-8°C.
 - 2 months at -20°C or below.

HAZARD WARNING

- For in vitro use only
- Urokinase is of human origin, and must be processed with all necessary cautions.

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