

Certificate of Analysis

Product:	Human Kininogen Deficient Plasma
Reference Number:	5D-42146F
Lot Number:	xxxxxx
Expiration Date:	xxxx-xx
Description:	Pooled normal citrated human plasma depleted of Kininogen using antibodies directed to Kininogen immobilized on agarose beads and supplemented with purified prekallikrein to ensure normal levels (≥50%) of PK activity. Plasma contains 20 mM HEPES.
Presentation:	Frozen Kininogen deficient plasma.
Preparation / Handling:	Thaw 1 mL vials in 37°C waterbath for 5 minutes; for bulk volumes, thawing time will be dependent on bottle size.
Storage and Stability:	Plasma is shipped frozen and should be stored below -60°C. Product is stable until date stated on vial label when stored at -60°C. Once thawed, plasma is stable for 4 hours at 2-8°C in original vial.
Specifications:	Lot specific assay results:

Assay	
PT	16.2 sec
APTT	129.7 sec
Fibrinogen (clottable)	3.94 g/L
FII (activity)	1.11 U/mL
FV (activity)	0.53 U/mL
FVII (activity)	0.86 U/mL
FVIII (activity)	0.81 U/mL
FIX(activity)	1.16 U/mL
FX (activity)	0.98 U/mL
FXI (activity)	0.77 U/mL
FXII (activity)	1.47 U/mL
HMW Kininogen (activity)	<0.01 U/mL
Prekallikrein (activity)	0.64 U/mL

Although this material was prepared with plasma collected from donors screened for CJD and which was tested at source and found negative for HBsAg, syphilis and antibodies to HIV and HCV and non-reactive for HIV-1 rNA and HCV rNA by FDA approved tests, it should be handled by personnel trained in the proper procedures for handling potential viral contaminants.

For Research Use Only. Not for Use in Diagnostic Procedures. For *in vitro* Use Only.

