

NORMAL REFERENCE/CONTRO. HUMAN PLASMA

A multipurpose reference plasma set in the normal range for assaying Factor VIIIc, Factor IX, antithrombin III and fibrinogen. It also serves as a normal control plasma for use with phenolised and freeze dried rabbit brain thromboplastin, Bell and Alton platelet substitute, Kaolin/platelet substitute mixture and for the thrombin clotting time. Our own values for these parameters are shown below.

Fibrinogen (Claus)	2.6 g/l
Factor II	88 iu/dl
Factor V	95 u/dl
Factor VII	103 iu/dl
Factor VIIIc	88 iu/dl
Factor IX	90 iu/dl
Factor X	98 iu/dl
Factor XI	95u/dl
Factor XII	98 u/dl
vWF Antigen	83 u/dl
Ristocetin co-factor	66 u/dl
Protein C Activity	97 u/dl
Protein S Total	82 u/dl
Antithrombin (Amidolytic)	84 u/dl

One-stage P.T.

Freeze-dried (manual)	14.5 \pm 2sec
Calcium Thromboplastin (manual)	16.4 \pm 2sec

A.P.T.T

Bell and Alton Platelet Substitute (2 min activation)	44.5 \pm 2sec
Kaolin/Platelet Substitute Mixture (2 min activation)	42.3 \pm 2sec
Micronised Silica/Platelet Substitute (5 min activation)	37.5 \pm 2sec
Thrombin time (7.0 u/ml) 0.1ml thrombin +0.2ml plasma	12-15 sec

Reconstitution Add the appropriate volume of distilled water, mix gently and leave for five minutes.

Storage & Stability Store at 4°C. The expiry date is printed on the label. In the dried state this is at least one to two years. After reconstitution the stability is at least three hour at room temperature.

Packaging 6 x 0.5ml and 6 x 1ml vials per pack.

Normal and abnormal controls are also provided for the P.T., A.P.T.T. and rabbit brain capillary (finger prick) reagent

All human blood donations used in the preparation of our products have been tested individually and found to be negative for HbsAg, HCV and HIV antibody. However, we recommend that all material of human origin should be considered as potentially hazardous and be handled with appropriate care.