5-Diagnostics

Reagents for the EP assays for Unfractionated Heparin

Anti IIa

Range 0,005 -0,03 IU/ml

Buffer R1

5D Tris-NaCL-EDTA-PEG Buffer pH 8.4 — Ref. HB0187

Package	Pouch
Reconstitution	dissolve pouch in water and make up to 1000 ml
Concentration	0.050 M Tris buffer pH 8.4 at 25°C
	0.175 M NaCl
	0.0075 M EDTA
	0.10% (w/v) PEG-6000

Human Thrombin Reagent R2

5D Human Thrombin — Ref. HE0160

Package	100 IU per vial
Reconstitution	2 ml H20
Stock concentration	50 IU/ml

Dilute appropriate volume of stock 1:10 with Buffer R1

Final Concentration 5 IU/ml

Antithrombin III solution R5

5-D Human Antithrombin — Ref. HE0162

Package	10 IU per vial
Reconstitution	2 ml H20
Stock concentration	5 IU/ml

Dilute appropriate volume of stock 1:40 with Buffer R1

Final Concentration 0,125 IU/ml

Chromogenic Substrate for factor IIa

5D - Chromogenic Substrate for Thrombin — Ref. HS0170

structure:	D-Phe-Pip-Arg-pNA
Package	25 mg per vial
	40 µmol/vial (approximatly)
Reconstitution	8 ml H20
Stock concentration	5 mM

Dilute appropriate volume of stock 1:4 with H2O

Concentration 1,25 mM

Anti Xa

Range 0.03 -0,375 IU/ml

Buffer R1

5D Tris-NaCL-EDTA-PEG Buffer pH 8.4 — Ref. HB0187

Package	Pouch
Reconstitution	dissolve pouch in water and make up to 1000 ml
Concentration	0.050 M Tris buffer pH 8.4 at 25°C
	0.175 M NaCl
	0.0075 M EDTA
	0.10% (w/v) PEG-6000

Bovine FXa Reagent R2

5D Bovine Xa — Ref. HE0161

Package	30 µg per vial
Reconstitution	2 ml H20
Stock concentration	15 µg/ml

Dilute appropriate volume of stock 1:5 with Buffer R1

Final Concentration 3 µg/ml

(Absorbance blanc in 1 cm cuvette at 405 nm between 0.65 and 1.25)

Antithrombin III solution R6

5-D Human Antithrombin — Ref. HE0162

Package	10 IU per vial
Reconstitution	2 ml H20
Stock concentration	5 IU/ml

Dilute appropriate volume of stock 1:5 with Buffer R1

Final Concentration 1 IU/ml

Chromogenic Substrate for factor Xa

5D - Chromogenic Substrate for Factor Xa — Ref. HS0171

structure:	D-Arg-Gly-Arg-pNA
Package	25 mg per vial
	35 µmol/vial (approximatly)
Reconstitution	7 ml H20
Stock concentration	5 mM

Dilute appropriate volume of stock 1:5 with H2O

Concentration 1 mM