

Reagents for the EP assays for Low Molecular Weight Heparin

Anti IIa	
range 0.015 -0,075 IU/ml	
Tris-NaCl Buffer pH 7.4 R	
5D Tris-NaCl-BSA Buffer pH 7.4 Ref. HB0180	
Package	Pouch
Reconstitution	dissolve pouch in water and make up to 1000 ml
Concentration	0.050 M Tris buffer pH 7.4 at 25°C 0.150 M NaCl 1.0% (w/v) BSA (Bovine Serum Albumin)
Tris-EDTA Buffer pH 8.4	
5D Tris-NaCl-EDTA Buffer pH 8.4 Ref. HB0186	
Package	Pouch
Reconstitution	dissolve pouch in water and make up to 500 ml
Concentration	0.050 M Tris buffer pH 8.4 at 25°C 0.175 M NaCl 0.0075 M EDTA
Human Thrombin Reagent R	
5D Human Thrombin Ref. HE0160	
Package	100 IU per vial
Reconstitution	2 ml H ₂ O
Stock concentration	50 IU/ml
Dilute appropriate volume of stock 1:10 with Tris-NaCl Buffer pH 7.4	
Final Concentration	5 IU/ml
Antithrombin III solution R2	
5-D Human Antithrombin Ref. HE0162	
Package	10 IU per vial
Reconstitution	2 ml H ₂ O
Stock concentration	5 IU/ml
Dilute appropriate volume of stock 1:10 with Tris-NaCl Buffer pH 7.4	
Final Concentration	0,5 IU/ml
Chromogenic Substrate R2	
5D - Chromogenic Substrate for Thrombin Ref. HS0170	
structure:	D-Phe-Pip-Arg-pNA
Package	25 mg per vial 40 µmol/vial (approximatly)
Reconstitution	13 ml H ₂ O
Stock concentration	3 mM
Dilute appropriate volume of stock 1:6 with Tris EDTA Buffer pH 8.4	
Concentration	0,5 mM

Anti Xa	
range 0.025 -0,2 IU/ml	
Tris-NaCl Buffer pH 7.4 R	
5D Tris-NaCl-BSA Buffer pH 7.4 Ref. HB0180	
Package	Pouch
Reconstitution	dissolve pouch in water and make up to 1000 ml
Concentration	0.050 M Tris buffer pH 7.4 at 25°C 0.150 M NaCl 1.0% (w/v) BSA (Bovine Serum Albumin)
Tris-EDTA Buffer pH 8.4	
5D Tris-NaCl-EDTA Buffer pH 8.4 Ref. HB0186	
Package	Pouch
Reconstitution	dissolve pouch in water and make up to 500 ml
Concentration	0.050 M Tris buffer pH 8.4 at 25°C 0.175 M NaCl 0.0075 M EDTA
Bovine FXa Solution R	
5D Bovine Xa Ref. HE0161	
Package	30 µg per vial
Reconstitution	2 ml H ₂ O
Stock concentration	15 µg/ml
Dilute appropriate volume of stock 1:5 with Tris-NaCl Buffer pH 7.4	
Final Concentration	3 µg/ml
<small>(ΔOD at 405 nm for blanc <0,2 /min)</small>	
Antithrombin III solution R1	
5-D Human Antithrombin Ref. HE0162	
Package	10 IU per vial
Reconstitution	2 ml H ₂ O
Stock concentration	5 IU/ml
Dilute appropriate volume of stock 1:5 with Tris-NaCl Buffer pH 7.4	
Final Concentration	1 IU/ml
Chromogenic Substrate R1	
5D - Chromogenic Substrate for Factor Xa Ref. HS0171	
structure:	D-Arg-Gly-Arg-pNA
Package	25 mg per vial 35 µmol/vial (approximatly)
Reconstitution	12 ml H ₂ O
Stock concentration	3 mM
Dilute appropriate volume of stock 1:6 with Tris EDTA Buffer pH 8.4	
Concentration	0,5 mM