

**Reagents for the USP assays for Low Molecular Weight Heparin**

<b>Anti IIa</b>	
Range 0.015 -0,075 IU/ml	
<b>pH 7.4 PEG Buffer</b>	
<b>5D Tris-NaCl-PEG BUFFER pH 7.4</b> <span style="float: right;">Ref. HB0181</span>	
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 0.10% (w/v) PEG-6000
<b>pH 7.4 buffer</b>	
<b>5D Tris-NaCl Buffer pH 7.4</b> <span style="float: right;">Ref. HB0182</span>	
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
<b>pH 8.4 buffer</b>	
<b>5D Tris-NaCl-EDTA Buffer pH 8.4</b> <span style="float: right;">Ref. HB0186</span>	
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
<b>Thrombin Human Solution</b>	
<b>5D Human Thrombin</b> <span style="float: right;">Ref. HE0160</span>	
Package	100 IU per vial
Reconstitution	2 ml H <sub>2</sub> O
Stock concentration	50 IU/ml
Dilute appropriate volume of stock 1:10 with pH 7.4 PEG buffer	
<b>Final Concentration</b>	<b>5 IU/ml</b>
<b>Human Antithrombin Solution</b>	
<b>5-D Human Antithrombin</b> <span style="float: right;">Ref. HE0162</span>	
Package	10 IU per vial
Reconstitution	2 ml H <sub>2</sub> O
Stock concentration	5 IU/ml
Dilute appropriate volume of stock 1:10 with pH 7.4 PEG buffer	
<b>Final Concentration</b>	<b>0,5 IU/ml</b>
<b>Chromogenic Substrate Solution</b>	
<b>5D - Chromogenic Substrate for Thrombin</b> <span style="float: right;">Ref. HS0170</span>	
structure:	D-Phe-Pip-Arg-pNA
Package	25 mg per vial 40 µmol/vial (approximatly)
Reconstitution	13 ml H <sub>2</sub> O
Stock concentration	3 mM
Dilute appropriate volume of stock 1:6 with pH 8.4 buffer	
<b>Concentration</b>	<b>0,5 mM</b>

<b>Anti Xa</b>	
Range 0.025 -0,2 IU/ml	
<b>pH7.4 PEG Buffer</b>	
<b>5D Tris-NaCl-PEG BUFFER pH 7.4</b> <span style="float: right;">Ref. HB0181</span>	
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 0.10% (w/v) PEG-6000
<b>pH 7.4 buffer</b>	
<b>5D Tris-NaCl Buffer pH 7.4</b> <span style="float: right;">Ref. HB0182</span>	
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
<b>pH 8.4 buffer</b>	
<b>5D Tris-NaCl-EDTA Buffer pH 8.4</b> <span style="float: right;">Ref. HB0186</span>	
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
<b>Factor Xa Solution</b>	
<b>5D Bovine Xa</b> <span style="float: right;">Ref. HE0161</span>	
Package	30 µg per vial
Reconstitution	2 ml H <sub>2</sub> O
Stock concentration	15 µg/ml
Dilute appropriate volume of stock 1:5 with pH 7.4 PEG Buffer	
<b>Final Concentration</b>	<b>3 µg/ml</b>
<small>(AOD at 405 nm for blanc &lt;0,2 /min)</small>	
<b>Human Antithrombin Solution</b>	
<b>5-D Human Antithrombin</b> <span style="float: right;">Ref. HE0162</span>	
Package	10 IU per vial
Reconstitution	2 ml H <sub>2</sub> O
Stock concentration	5 IU/ml
Dilute appropriate volume of stock 1:5 with pH 7.4 PEG Buffer	
<b>Final Concentration</b>	<b>1 IU/ml</b>
<b>Chromogenic Substrate Solution</b>	
<b>5D - Chromogenic Substrate for Factor Xa</b> <span style="float: right;">Ref. HS0171</span>	
structure:	D-Arg-Gly-Arg-pNA
Package	25 mg per vial 35 µmol/vial (approximatly)
Reconstitution	12 ml H <sub>2</sub> O
Stock concentration	3 mM
Dilute appropriate volume of stock 1:6 with pH 8.4 buffer	
<b>Concentration</b>	<b>0,5 mM</b>