

PEPTIDE SUBSTRATES
KITS AND REAGENTS
BIOCHEMICALS
INHIBITORS
SNAKE VENOMS



pentapharm

Product List

Your partner from lab bench
to finished product



V03_07_2025

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Peptide Substrates

Pefachrome® chromogenic

Brand	Chemical formula	Packaging Unit	Article No.
Substrate for Thrombin			
Pefachrome® TH 5244	Tos-Gly-Pro-Arg-pNA · AcOH	1gram	081-01
		25 mg/vial	
Pefachrome® TH	H-D-CHG-Ala-Arg-pNA·2AcOH	1gram	081-03
		25 mg/vial	
Pefachrome® TH 5247	H-D-CHG-But-Arg-pNA · 2AcOH	1gram	081-05
		25 mg/vial	
Pefachrome® TH 5251	H-D-CHA-Ala-Arg-pNA · 2AcOH	1gram	081-09
		25 mg/vial	
Pefachrome® FXIIa/TH 5253	H-D-CHA-Gly-Arg-pNA · 2AcOH	1gram	081-11
		25 mg/vial	
Pefachrome® 6017	H-D-CHA-Gly-Arg-pNA · 2AcOH	10 µmole/vial	081-45
Pefachrome® TH 5256	CH3OCO-Gly-Pro-Arg-pNA · AcOH	1gram	081-15
Pefachrome® TH 8198	H-D-Phe-Pip-Arg-pNA · 2HCl	25 mg/vial	081-66
		1gram	081-67
Pefachrome® TH 1206	H-Sar-Pro-Arg-pNA · 2HCl	1gram	801206
		25 mg/vial	
Pefachrome® TG	H-β-Ala-Gly-Arg-pNA · 2AcOH	1gram	081-17
		25 mg/vial	
Substrate for Factor Xa			
Pefachrome® FXa 5277	CH3SO2-D-Leu-Gly-Arg-pNA · AcOH	1gram	085-01
		25 mg/vial	
Pefachrome® FXa 5279	CH3OCO-D-CHG-Gly-Arg-pNA · AcOH	1gram	085-03
		25 mg/vial	
Pefachrome® FXa/LAL 5288	CH3OCO-D-CHA-Gly-Arg-pNA · AcOH	1gram	085-06
		25 mg/vial	085-65
Pefachrome® FXa 8595	Z-D-Arg-Gly-Arg-pNA · 2HCl	25 mg/vial	085-27
Pefachrome® FXa 5278	CH3OCO-D-Nle-Gly-Arg-pNA · AcOH	1gram	085-50
		25 mg/vial	
Pefachrome® FXa 2732	Suc-Ile-Glu(gamma-Pip)-Gly-Arg-pNA · HCl	1gram	802893
		25 mg/vial	
Substrate for Factor IXa			
Pefachrome® FIXa	CH3SO2-D-CHG-Gly-Arg-pNA · AcOH	1gram	095-02
		25 mg/vial	
		10 µmole/vial	095-20
Substrate for Factor VIIa			
Pefachrome® FVIIa	CH3SO2-D-CHA-But-Arg-pNA · AcOH	1gram	093-01
		25 mg/vial	
Substrate for urokinase			
Pefachrome® uPA 8294	Pyroglu-Gly-Arg-pNA · HCl	1gram	082-05
		25 mg/vial	082-33
Substrate for Factor XIIa			
Pefachrome® FXIIa/TH 5253	H-D-CHA-Gly-Arg-pNA · 2AcOH	1gram	081-11
		25 mg/vial	
Pefachrome® 6017	H-D-CHA-Gly-Arg-pNA · 2AcOH	10 µmole/vial	081-45
Substrate for tPA			
Pefachrome® tPA	CH3SO2-D-CHA-Gly-Arg-pNA · AcOH	1gram	091-01
		25 mg/vial	
Pefachrome® tPA 5312	CH3SO2-D-Phe-Gly-Arg-pNA · AcOH	1gram	091-03
		25 mg/vial	
Substrate for plasmin			
Pefachrome® PL/Tryp 5261	Tos-Gly-Pro-Lys-pNA · AcOH	1gram	083-01
		25 mg/vial	
Pefachrome® PL 5262	H-D-But-CHA-Lys-pNA · 2AcOH	1gram	083-02
		25 mg/vial	
Pefachrome® PL 5263	H-D-Nva-CHA-Lys-pNA · 2AcOH	1gram	083-03
		25 mg/vial	
Pefachrome® PL 5264	H-D-Nle-CHA-Lys-pNA · 2AcOH	1gram	083-04
		25 mg/vial	
Pefachrome® PL 5272	H-D-Nle-CHA-Lys-pNA · 2HCl	1gram	083-14
		25 mg/vial	
Substrate for activated protein C			
Pefachrome® PCa	H-D-Lys(Cbo)-Pro-Arg-pNA · 2AcOH	1gram	089-02
		25 mg/vial	
Pefachrome® PCa 5297	Pad-Pro-Arg-pNA · AcOH	1gram	089-07
		25 mg/vial	

Brand	Chemical formula	Packaging Unit	Article No.
Substrate for C1-esterase			
Pefachrome® C1E 5292	C2H5CO-Lys(Cbo)-Gly-Arg-pNA · AcOH	1 gram	087-01
Pefachrome® C1E 5603	CH3CO-Lys(Cbo)-Gly-Arg-pNA · AcOH	1 gram	087-03
		25 mg/vial	
		10 µmole/vial	087-31
Substrate for trypase			
Pefachrome® PL/Tryp 5261	Tos-Gly-Pro-Lys-pNA · AcOH	1 gram	083-01
		25 mg/vial	
Substrate for trypsin			
Pefachrome® TRY 5274	Cbo-Val-Gly-Arg-pNA · AcOH	1 gram	084-01
		25 mg/vial	
Pefachrome® 6047 (BAPNA)	Bz-DL-Arg-pNA · AcOH	60 µmole/vial	090-07
Substrate for the determination of bacterial endotoxins			
Pefachrome® FXa/LAL 5288	CH3OCO-D-CHA-Gly-Arg-pNA · AcOH	1 gram	085-06
		25 mg/vial	085-65
Pefachrome® LAL 5288	CH3OCO-D-CHA-Gly-Arg-pNA	100 µmole/vial	086-11
Pefachrome® LAL 2423	Ac-Ile-Glu-Gly-Arg-pNA · TFA	1 gram	801741
		25 mg/vial	
Pefachrome® LAL 2834	Ac-Ile-Glu-Gly-Lys-pNA · TFA	1 gram	802143
		25 mg/vial	
Substrate for plasma kallikrein			
Pefachrome® PK6001	Bz-Pro-Phe-Arg-pNA · AcOH	1 gram	080-01
		25 mg/vial	
Pefachrome® PK	H-D-But-CHA-Arg-pNA · 2AcOH	1 gram	080-03
		25 mg/vial	

Amperogenic Thrombin substrate

Brand	Chemical formula	Packaging Unit	Article No.
Amperogenic Thrombin substrate	Tos-Gly-Pro-Arg-4-Amido-2-Chloro-Phenol · AcOH	1 gram	602-01
		25 mg/vial	

Pefafluor®

Brand	Chemical formula	Packaging Unit	Article No.
Substrate for thrombin			
Pefafluor® TH	Z-Gly-Gly-Arg-AMC · HCl	25 mg/vial	801058
Pefafluor® TH	H-D-CHA-Ala-Arg-AMC · 2AcOH	25 mg/vial	081-19
Substrate for Factor Xa & for the determination of bacterial endotoxins			
Pefafluor® FXa	CH3SO2-D-CHA-Gly-Arg-AMC · AcOH	25 mg/vial	085-12
Pefafluor® LAL 5291			086-04
Substrate for activated protein C			
Pefafluor® PCa	Pyroglu-Pro-Arg-AMC · AcOH	25 mg/vial	089-05
Substrate for tPA			
Pefafluor® tPA	CH3SO2-D-Phe-Gly-Arg-AMC · AcOH	25 mg/vial	091-06
Substrate for Factor IXa			
Pefafluor® FIXa	CH3SO2-D-CHG-Gly-Arg-AMC · AcOH	25 mg/vial	095-03

Kits and Reagents

Brand	Description	Packaging Unit	Article No.
In-vitro Diagnostic (IVD)			
Pefakit® Reptilase® Time	For the investigation of the last phase of blood coagulation	3 x 1 ml Reptilase Time Reagent	800191
Pefakit® APC-R Factor V Leiden	Plasma based functional assay for the determination of resistance to Factor Va	3 x 2 ml APC/RVV-V (+APC) Reagent 3 x 2 ml RVV-V (-APC) Reagent 3 x 4 ml PTA Reagent 3 x 2 ml Dilution Plasma	502-01; for US 502-02
Pefakit® APC-R Factor V Leiden Controls	Control plasmas for confirmation of Factor V Leiden assay	3 x 1 ml FV-L Negative Control 3 x 1 ml FV-L Heterozygous Control	502-21; for US 502-22
Pefaclot® UFH	Plasma based functional assay for the determination of Unfractionated Heparin (UFH)	3 x 2 ml Activator, 3 x 2 ml Start Reagent	505-50
Pefaclot® UFH Controls	Control plasmas for confirmation of UFH	3 x 1 ml Control UFH 1, 3 x 1 ml Control UFH 2	505-60
Research Use Only (RUO)			
Pefaclot® UFH	Plasma based functional assay for the determination of Unfractionated Heparin (UFH)	Research Use Only (RUO) kit available in selected countries	505-50-R
Pefakit® TAFI	Plasma based assay for Thrombin Activatable Fibrinolysis Inhibitor (TAFI) activity	2 x 4 ml Activator, 2 x 4 ml Start Reagent, 2 x 4 ml Diluent	800186
Pefakit® TAFI Controls and Calibration	Controls and Calibrators for TAFI assay	1 x 1 ml Calibrator, 1 x 1 ml Control 1, 1 x 1 ml Control 2	800187
Pefakit® Reptilase® Time	For the investigation of the last phase of blood coagulation	Research Use Only (RUO) kit available in selected countries	800191-R

Biochemicals

Brand	Description	Packaging Unit	Article No.
RB Cephalin, freeze dried	Phospholipid source for coagulation assays	100 mg/vial	801682
Prionex® Pellets	Lyophilized from of BSA Alternative for protein stabilization and blocking	5 gram	802943
Prionex® 10%	BSA Alternative for protein stabilization and blocking	100 ml	069-03
		500 ml	
		1'000 ml	

Inhibitors

Brand	Description	Packaging Unit	Article No.
Aprotinin Powder Lyophilized	Reversible, broad spectrum serine protease inhibitor	1 gram/vial	800277
Aprotinin Conc. Solution	Reversible, broad spectrum serine protease inhibitor	50 ml	073-70
		1'000 ml	
r-Hirudin EC	Specific, highly potent thrombin inhibitor	2000 ATU/vial	126-10
r-Hirudin	Specific, highly potent thrombin inhibitor	2000 ATU/vial	126-11
Pefabloc® FG	Inhibits fibrin turbidity, gel formation and fibrin deposition	1 gram	099-01
		50 mg/vial	099-11
Pefabloc® TH	Potent, selective, competitive inhibitor of thrombin	1 mg	381-01
Pefabloc® SC	Synthetic, broad spectrum irreversible protease inhibitor	1 gram	399-01

Snake Venom Enzymes

Brand	Description	Packaging Unit	Article No.
Batroxobin maranhao	Thrombin-like proteolytic enzyme isolated from the venom of Bothrops atrox	1 vial (1000 BU)	101-06
Protac®	Fast-acting protein C activator isolated from Agkistrodon contortrix venom	3U/vial	113-01
Protac® Lyophilized Bulk	Fast-acting protein C activator isolated from Agkistrodon contortrix venom	500 U/vial	113-04
		1000 U/vial	
Protac® Solution	Fast-acting protein C activator isolated from Agkistrodon contortrix venom	10 U/ml	113-05
Ecarin	Metalloprotease from Echis carinatus venom that activates prothrombin	50 EU/vial	116-01
RVV Factor V-Activator	Serine proteinase from Russell's viper venom that activates factor V	1000 U/vial	121-03
RVV Factor X-Activator	Specific factor X activator from Russell's viper venom	5 U/vial	121-06
		50 U/vial	121-07
Platelet Research			
Convulxin	GPVI receptor antagonist from Crotalus durissus	50 µg/vial	119-02



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