



Milan Analytica AG  
Baslerstrasse 15  
4310 Rheinfelden  
Switzerland  
[www.milananalytica.ch](http://www.milananalytica.ch)  
[info@milananalytica.ch](mailto:info@milananalytica.ch)

## Haemostasis Reagents product list 2018

\*\* = Smaller Kit Format specifically designed for Helena C-1/2/4/AC-4

^ = For use with Helena C-1/2/4/AC-4

Product #	Product name	Approximate number of tests per kit / kit format
	<b>Routine Assays</b>	
	<b>Prothrombin Time (PT)</b>	
	<b>Thromboplastin (ISI ~1.0-1.1)</b>	
5265H	Thromboplastin LI **	200-400
	(4 x 2.5 ml) Rabbit Brain Thromboplastin Suspension (liquid) (4 x 2.5 ml) Calcium Chloride Solution 0.025M (liquid) 20 ml working reagent per kit, Low Opacity, Heparin Insensitive (<2U/ml)	
5265	Thromboplastin LI	500-1000
	(10 x 2.5 ml) Rabbit Brain Thromboplastin Suspension (liquid) (10 x 2.5 ml) Calcium Chloride Solution 0.025M (liquid) 50 ml working reagent per kit, Low Opacity, Heparin Insensitive (<2U/ml)	

5267	Thromboplastin LI	1000-2000
	(10 x 5.0 ml) Rabbit Brain Thromboplastin Suspension (liquid)	
	(10 x 5.0 ml) Calcium Chloride Solution 0.025M (liquid)	
	100 ml working reagent per kit, Low Opacity, Heparin Insensitive (<2U/ml)	
5269	Thromboplastin LI	2000-4000
	(10 x 10.0 ml) Rabbit Brain Thromboplastin Suspension (liquid)	
	(10 x 10.0 ml) Calcium Chloride Solution 0.025M (liquid)	
	200 ml working reagent per kit, Low Opacity, Heparin Insensitive (<2U/ml)	
5520	Thromboplastin LH	
	(1 x 10.0 ml) Rabbit Brain Thromboplastin Suspension (liquid)	
	Heparin Sensitive	
5493	Thromboplastin LH	
	(5 x 10.0 ml) Rabbit Brain Thromboplastin Suspension (liquid)	
	Heparin Sensitive	
5521	Thromboplastin LHO	
	(1 x 10.0 ml) Rabbit Brain Thromboplastin Suspension (liquid)	
	Heparin Sensitive, Low Opacity	
5495	Thromboplastin LHO	
	(5 x 10.0 ml) Rabbit Brain Thromboplastin Suspension (liquid)	
	Heparin Sensitive, Low Opacity	
5523	Thromboplastin LHO	
	(10 x 5.0 ml) Rabbit Brain Thromboplastin Suspension (liquid)	
	(10 x 5.0 ml) Calcium Chloride Solution 0.025M (liquid)	
	Heparin Sensitive, Low Opacity	
	<b>Capillary Reagent for Whole Blood INR (ISI ~1.0)</b>	
5506	Capillary Thromboplastin	333
	(10 x 2.5 ml) Rabbit Brain Thromboplastin Suspension (liquid)	
	(10 x 2.5 ml) Calcium Chloride solution 0.010M (liquid)	
	50 ml working reagent per kit	

	<b>Activated Partial Thromboplastin Time (APTT)</b>	
	<b>APTT Si L (Micronised Silica Contact Activator)</b>	
5562	APTT Si L Minus	500-1000
	(5 x 5.0 ml) APTT Si L Minus (liquid) (5 x 5.0 ml) Calcium Chloride Solution 0.025M (liquid) Insensitive to Heparin and low levels of Lupus Anticoagulant	
5558	APTT Si L Minus	1000-2000
	(5 x 10.0 ml) APTT Si L Minus (liquid) (5 x 10.0 ml) Calcium Chloride Solution 0.025M (liquid) Insensitive to Heparin and low levels of Lupus Anticoagulant	
5559	APTT Si L Minus	2000-4000
	(10 x 10.0 ml) APTT Si L Minus (liquid) (10 x 10.0 ml) Calcium Chloride Solution 0.025M (liquid) Insensitive to Heparin and low levels of Lupus Anticoagulant	
5560	APTT Si L Plus	1000-2000
	(5 x 10.0 ml) APTT Si L Plus (lyophilised) (5 x 10.0 ml) Calcium Chloride Solution 0.025M (liquid) Very sensitive to low levels of Lupus Anticoagulant	
5561	APTT Si L Plus	2000-4000
	(10 x 10.0 ml) APTT Si L Plus (lyophilised) (10 x 10.0 ml) Calcium Chloride Solution 0.025M (liquid) Very sensitive to low levels of Lupus Anticoagulant	
	<b>APTT SA (Soluble Ellagic Acid Contact Activator)</b>	
5387	APTT SA	2000-4000
	(10 x 10 ml) APTT SA (liquid)	
5388	APTT SA	1000-2000
	(5 x 5.0 ml) APTT SA (liquid) (5 x 5.0 ml) Calcium Chloride Solution 0.025M (liquid)	
	<b>APTT ES (Soluble Ellagic Acid Activator with Extra Sensitivity to Heparin and Lupus)</b>	
5397H	APTT ES **	500-1000
	(5 x 5.0 ml) APTT ES (liquid) (5 x 5.0 ml) Calcium Chloride Solution 0.025M (liquid)	

5397	APTT ES	1000-2000
	(5 x 10.0 ml) APTT ES (liquid) (5 x 10.0 ml) Calcium Chloride Solution 0.025M (liquid)	
5398	APTT ES	2000-4000
	(10 x 10.0 ml) APTT ES (liquid) (10 x 10.0 ml) Calcium Chloride Solution 0.025M (liquid)	
	<b>Additional Sub-Components</b>	
5386	Calcium Chloride	
	(10 x 10.0 ml) Calcium Chloride Solution 0.025M (liquid)	
	<b>Clauss Fibrinogen</b>	
5556H	^ Clauss Fibrinogen 50 **	200-400
	(5 x 2.0 ml) Thrombin Reagent 50 NIH/ml (lyophilised) (1 x 1.0 ml) Fibrinogen Calibrator (lyophilised) (1 x 25.0 ml) Owren's Veronal Buffer (liquid)	
5556	^ Clauss Fibrinogen 50	400-800
	(5 x 4.0 ml) Thrombin Reagent 50 NIH/ml (lyophilised) (2 x 1.0 ml) Fibrinogen Calibrator (lyophilised) (2 x 25.0 ml) Owren's Veronal Buffer (liquid)	
5376H	Clauss Fibrinogen 100	100
	(5 x 1.0 ml) Thrombin Reagent 100 NIH/ml (lyophilised) (1 x 1.0 ml) Fibrinogen Calibrator (lyophilised) (1 x 25.0 ml) Owren's Veronal Buffer (liquid) (1 x 5.0 ml) Kaolin suspension 0.5g/L (liquid)	
5376	Clauss Fibrinogen 100	200
	(5 x 2.0 ml) Thrombin Reagent 100 NIH/ml (lyophilised) (2 x 1.0 ml) Fibrinogen Calibrator (lyophilised) (2 x 25.0 ml) Owren's Veronal Buffer (liquid) (2 x 5.0 ml) Kaolin suspension 0.5g/L (liquid)	
5376/35	Clauss Fibrinogen 35 (only for IL/ACL Coagulation Systems)	180
	(5 x 2.0 ml) Thrombin Reagent 35 NIH/ml (lyophilised) (1 x 1.0 ml) Fibrinogen Calibrator (lyophilised) (1 x 25.0 ml) Owren's Veronal Buffer (liquid)	
5374	Clauss Fibrinogen (Thrombin only)	

	(10 x 2.0 ml) Thrombin Reagent 100 NIH units/ml (lyophilised)	
5378	Clauss Fibrinogen (Thrombin only)	
	(10 x 5.0 ml) Thrombin Reagent 100 NIH units/ml (lyophilised)	
5379	Fibrinogen Calibrator	
	(10 x 1.0 ml) Fibrinogen Calibrator (lyophilised)	
5375	Owren's Buffer	
	(10 x 25.0 ml) Owren's Veronal Buffer (liquid)	
050-920	Kaolin Suspension	
	(1 x 50.0 ml) Kaolin Suspension 0.5 g/L (liquid)	
	<b>Thrombin Clotting Time</b>	
5377	Thrombin Time	500-2000
	(10 x 5.0 ml) Thrombin Clotting Time Reagent 3 NIH units/ml	
5392H	Thrombin Time **	100-400
	(10 x 1.0 ml) Thrombin Clotting Time Reagent 3 NIH units/ml	
5392	Thrombin Time	200-800
	(10 x 2.0 ml) Thrombin Clotting Time Reagent 3 NIH units/ml	
	<b>Factor Deficient Plasma</b>	
	<b>Immunodepleted</b>	
5790	Factor II Deficient Plasma (Immunodepleted)	200-400
	(10 x 1.0 ml) Immunodepleted Factor II Plasma (lyophilised)	
5791	Factor V Deficient Plasma (Immunodepleted)	200-400
	(10 x 1.0 ml) Immunodepleted Factor V Plasma (lyophilised)	
5792	Factor VII Deficient Plasma (Immunodepleted)	200-400
	(10 x 1.0 ml) Immunodepleted Factor VII Plasma (lyophilised)	
5795	Factor X Deficient Plasma (Immunodepleted)	200-400
	(10 x 1.0 ml) Immunodepleted Factor X Plasma (lyophilised)	
5793	Factor VIII Deficient Plasma (Immunodepleted)	200-400
	(10 x 1.0 ml) Immunodepleted Factor VIII Plasma (lyophilised)	
5794	Factor IX Deficient Plasma (Immunodepleted)	200-400
	(10 x 1.0 ml) Immunodepleted Factor IX Plasma (lyophilised)	
5796	Factor XI Deficient Plasma (Immunodepleted)	200-400
	(10 x 1.0 ml) Immunodepleted Factor XI (lyophilised)	
5797	Factor XII Deficient Plasma (Immunodepleted)	200-400

	(10 x 1.0 ml) Immunodepleted Factor XII (lyophilised)	
	<b>Congenital</b>	
5191	Factor V Deficient Plasma (Congenital)	200-400
	(10 x 1.0 ml) Congenital Factor V Depleted Plasma (lyophilised)	
5192	Factor VII Deficient Plasma (Congenital)	200-400
	(10 x 1.0 ml) Congenital Factor VII Depleted Plasma (lyophilised)	
5195	Factor X Deficient Plasma (Congenital)	200-400
	(10 x 1.0 ml) Congenital Factor X Depleted Plasma (lyophilised)	
5193	Factor VIII Deficient Plasma (Congenital)	200-400
	(10 x 1.0 ml) Congenital Factor VIII Depleted Plasma (lyophilised)	
5194	Factor IX Deficient Plasma (Congenital)	200-400
	(10 x 1.0 ml) Congenital Factor IX Depleted Plasma (lyophilised)	
5196	Factor XI Deficient Plasma (Congenital)	200-400
	(10 x 1.0 ml) Congenital Factor XI Depleted Plasma (lyophilised)	
5197	Factor XII Deficient Plasma (Congenital)	200-400
	(10 x 1.0 ml) Congenital Factor XII Depleted Plasma (lyophilised)	
	<b>Chromogenic Assays</b>	
5241	Factor VIII:C (Chromogenic)	New Format Coming Soon
5242	Heparin Anti-Xa (Chromogenic)	New Format Coming Soon
5244	Plasminogen (Chromogenic)	160
	(4 x 2.0 ml) Streptokinase Reagent (lyophilised) (4 x 2.0 ml) Plasmin Substrate (lyophilised) (4 x 5.0 ml) PLG Buffer (liquid)	
5502	Antithrombin Xa (Chromogenic)	600-1200
	(3 x 10.0 ml) Factor Xa Substrate (lyophilised) (3 x 10.0 ml) Factor Xa (lyophilised) (4 x 10.0 ml) Diluent (5 x Concentrated) (liquid)	
5507	Antithrombin Xa (Chromogenic)	200-400
	(5 x 2.0 ml) Factor Xa Substrate (lyophilised) (5 x 2.0 ml) Factor Xa (lyophilised) (5 x 3.0 ml) Diluent (5 x Concentrated) (liquid)	
5543	Protein C (Chromogenic)	250-480
	(6 x 2.0 ml) Protein C Substrate (lyophilised) (6 x 2.0 ml) Protein C Activator (lyophilised) (3 x 5.0 ml) Protein C Diluent (liquid)	

	<b>Specialised Assays</b>	
	<b>D-Dimer (Quantitative Latex-based Agglutination for use with Photo-Optical Instruments)</b>	
5551	Auto Blue D-Dimer 400 (1 x 3.0 ml) D-Dimer Latex Reagent (liquid) (1 x 7.0 ml) D-Dimer Reaction Buffer (liquid) (1 x 7.0 ml) D-Dimer Diluent (liquid) (1 x 1.0 ml) D-Dimer Calibrator (lyophilised)	60-71
5552	Auto Blue D-Dimer 400 (2 x 3.0 ml) D-Dimer Latex Reagent (liquid) (2 x 7.0 ml) D-Dimer Reaction Buffer (liquid) (1 x 7.0 ml) D-Dimer Diluent (liquid)  (1 x 1.0 ml) D-Dimer Calibrator (lyophilised)	120-143
5554	Auto Blue D-Dimer 400 (4 x 3.0 ml) D-Dimer Latex Reagent (liquid) (4 x 7.0 ml) D-Dimer Reaction Buffer (liquid) (2 x 7.0 ml) D-Dimer Diluent (liquid) (2 x 1.0 ml) D-Dimer Calibrator (lyophilised)	240-286
5601	Auto Red D-Dimer 700 (2 x 4.0 ml) D-Dimer Latex Reagent (liquid) (2 x 7.0 ml) D-Dimer Reaction Buffer (liquid) (1 x 7.0 ml) D-Dimer Diluent (liquid) (1 x 1.0 ml) D-Dimer Calibrator (lyophilised)	100
5501	Auto Red D-Dimer 700 (4 x 4.0 ml) D-Dimer Latex Reagent (liquid) (4 x 7.0 ml) D-Dimer Reaction Buffer (liquid) (2 x 7.0 ml) D-Dimer Diluent (liquid) (2 x 1.0 ml) D-Dimer Calibrator (lyophilised)	200
	<b>Additional Sub-Components</b>	
32097SA	D-Dimer Calibrator (1 x 1.0 ml) D-Dimer Calibrator (lyophilised)	
32096SA	D-Dimer Diluent (1 x 7.0 ml) D-Dimer Diluent (liquid)	

<b>Manual D-Dimer (Semi Quantitative Latex Agglutination)</b>		
5250	Manual D-Dimer	80-85
	(1 x 1.7 ml) D-Dimer Latex Reagent (liquid) (1 x 1.0 ml) D-Dimer Positive Control (lyophilised) (1 x 1.0 ml) D-Dimer Negative Control (lyophilised) (2 x 8.0 ml) Buffered Saline (liquid) (16 x 6 well) Test Cards 50 Mixing Sticks	
5250H	Manual D-Dimer	40-42
	(1 x 0.85 ml) D-Dimer Latex Reagent (liquid) (1 x 1.0 ml) D-Dimer Positive Control (lyophilised) (1 x 1.0 ml) D-Dimer Negative Control (lyophilised) (1 x 8.0 ml) Buffered Saline (liquid) (8 x 6 well) Test Cards 25 Mixing Sticks	
<b>Activated Protein C Resistance (Factor V Leiden)</b>		
5546	PCA Ratio	80-160
	(4 x 2.0 ml) Factor V Depleted Plasma (lyophilised) (2 x 2.0 ml) APTT Reagent (lyophilised) (2 x 2.0 ml) PCA.APTT Reagent (lyophilised) (1 x 0.5 ml) APC Resistant Plasma (lyophilised) (2 x 8.0 ml) Calcium Chloride Solution 0.025M (liquid)	
<b>Protein S</b>		
5511	Protein S (Clot)	33-80
	(2 x 1.0 ml) Protein S Activator (lyophilised) (2 x 1.0 ml) Protein S Deficient Plasma (lyophilised) (2 x 1.0 ml) Protein S Substrate (lyophilised) (1 x 2.0 ml) Substrate Diluent (liquid) (1 x 5.0 ml) Calcium Chloride Solution 0.025M (liquid) (1 x 25.0 ml) Saline Solution 0.9% (liquid)	



	<b>Lupus Anticoagulants. DRVVT Screen / DRVVT Confirm</b>	
5484	DRVVT Screen (10 x 2.0 ml) DRVVT Screen Reagent (lyophilised)	266-400
5485	DRVVT Confirm (10 x 1.0 ml) DRVVT Confirm Reagent (lyophilised)	133-200
	<b>ELISA Assays</b>	
	<b>Protein S Antigen (ELISA)</b>	
5286	Total and Free Protein S Antigen (ELISA) (12 x 8) Anti-human Protein S antibody coated micro wells (1 x 60.0 ml) Sample Diluent (3 x 0.5 ml) Reference Plasma (1 x 12.0 ml) Anti-human Protein S HRP Conjugate (1 x 13.0 ml) Substrate (1 x 15.0 ml) Stopping Solution (1 x 30.0 ml) Wash Concentrate (1 x 2.0 ml) Free Protein S Reagent (PEG)	96
	<b>Monoclonal Free Protein S Antigen (ELISA)</b>	
5293	Free Protein S Antigen (ELISA) (12 x 8) Monoclonal Free Protein S antibody coated micro wells (1 x 60.0 ml) Sample Diluent (3 x 0.5 ml) Reference Plasma (1 x 12.0 ml) Anti-human Protein C HRP Conjugate (1 x 13.0 ml) Substrate (1 x 15.0 ml) Stopping Solution (1 x 30.0 ml) Wash Concentrate	96

	<b>Protein C Antigen (ELISA)</b>	
5285	Protein C Antigen (ELISA)	96
	(12 x 8) Anti-human Protein C antibody coated micro wells (1 x 60.0 ml) Sample Diluent (3 x 0.5 ml) Reference Plasma (1 x 12.0 ml) Protein C Conjugate Solution (1 x 13.0 ml) Substrate (1 x 15.0 ml) Stopping Solution (1 x 30.0 ml) Wash Concentrate	
	<b>von Willebrand Factor Antigen (ELISA)</b>	
5284	vWF Antigen (ELISA)	96
	(12 x 8) Anti-human Von Willebrand Factor antibody coated micro wells (1 x 60.0 ml) Sample Diluent (3 x 0.5 ml) Reference Plasma (1 x 12.0 ml) Von Willebrand Factor HRP Conjugate (1 x 13.0 ml) Substrate (1 x 15.0 ml) Stopping Solution (1 x 30.0 ml) Wash Concentrate	
	<b>Laurell Rocket Electroimmunodiffusion (EID)</b>	
5357	Protein C Antigen (EID)	
	5 x Protein C Antigen Rocket Plates, containing sheep or goat antibody to human protein C incorporated into the agarose 1 x Rocket Ruler	
5359	Protein S Antigen (EID)	
	5 x Protein S Antigen Rocket Plates, containing sheep or goat antibody to human protein S incorporated into the agarose 1 x Rocket Ruler	
5361	vWF Antigen (EID)	
	5 x vWF Antigen Rocket Plates, containing sheep or goat antiserum to human vWF incorporated into the agarose 1 x Rocket Ruler	

<b>Diagnostic PCR Related Products</b>		
8201-03	Molecular Biology Grade Agarose	1 x 100G
8201-07	Molecular Biology Grade Agarose	1 X 500G
1025-20	HB-DNA Agarose gel (Conc.2.2%, Base Pairs 50-3000, 20 samples, Ethidium Bromide, Buffer TBE, Tray 130x100mm, Gel 100x70mm, 10 gels)	200
<b>Calibrators and Quality Controls</b>		
<b>Calibrators</b>		
5185	Calibration Plasma (10 x 1.0 ml) Multi-Assayed, Normal Pool Calibration Plasma (lyophilised)	
5519	ISI Calibrant Plasma Set (27 x 0.5 ml) ISI Calibrant Plasma (lyophilised)	
5379	Fibrinogen Calibrator (10 x 1.0 ml) Clauss Fibrinogen Assayed Normal Pool Calibration Plasma (lyophilised)	
<b>Controls</b>		
5186	Routine Control N (10 x 1.0 ml) Normal Control Plasma Pool, Instrument-Specific Ranges for PT, APTT, Fib, TCT, Antithrombin III (lyophilised)	
5187	Routine Control A (10 x 1.0 ml) Mild Abnormal Control Plasma Pool, Instrument-Specific Ranges for PT, APTT, Fib, TCT, Antithrombin III (lyophilised)	
5183	Routine Control SA (10 x 1.0 ml) Severe Abnormal Control Plasma Pool, Instrument-Specific Ranges for PT, APTT, Fib, TCT, Antithrombin III (lyophilised)	
5482	Routine Coagulation Control Set (4 x 1.0 ml) Routine Control N (3 x 1.0 ml) Routine Control A (3 x 1.0 ml) Routine Control SA	
5301	Speciality Assayed Control N (10 x 1.0 ml) Speciality Assayed Normal Control Plasma Pool (lyophilised)	
5302	Speciality Assayed Control A (10 x 1.0 ml) Speciality Assayed Abnormal Control Plasma (lyophilised)	
5486	LA Positive Control S	

	(1 x 1.0 ml) Lupus Anticoagulant Strong Positive Control Plasma (lyophilised)	
5509	D-Dimer Control H/L	
	(5 x 1.0 ml) D-Dimer Control Plasma (High) (lyophilised)	
	(5 x 1.0 ml) D-Dimer control Plasma (Low) (lyophilised)	
	<b>INR Reference Set</b>	
5490	INR Reference Set	
	4 x (3 x 1.0 ml) INR Reference Plasma (lyophilised)	
	<b>Platelet Aggregation and vWF</b>	
	<b>Platelet Agonists (Aggregation Reagents)</b>	
5364	Arachidonic Acid	
	(2 x 1.0 ml) Arachidonic Acid 5mg/ml (lyophilised)	
5366	Adenosine Diphosphate	
	(2 x 1.0 ml) Adenosine Diphosphate (ADP) 200 µM (lyophilised)	
5367	Epinephrine	
	(2 x 1.0 ml) Epinephrine 3 mM (lyophilised)	
5368	Collagen	
	(2 x 1.0 ml) Collagen 100 µg/ml (liquid)	
5199	Ristocetin	
	(10 x 0.5 ml) Ristocetin 15 mg/ml (lyophilised)	
5369	Platelet Aggregation Kit	
	(2 x 1.0 ml) Adenosine Diphosphate 200µM (lyophilised)	
	(2 x 1.0 ml) Epinephrine 3mM (lyophilised)	
	(2 x 1.0 ml) Collagen 100µg/ ml (liquid)	
	<b>Ristocetin Cofactor Reagents</b>	
5372	Ristocetin	
	(5 x 1.5 ml) Ristocetin 10mg/ ml (lyophilised)	
5371	Lyophilised Platelets	
	(5 x 5.0 ml) Lyophilised Platelets (lyophilised)	
5356	Lyophilised Platelets	
	(5 x 10.0 ml) Lyophilised Platelets (lyophilised)	
5373	Ristocetin Cofactor Abnormal Control	
	(5 x 0.5 ml) Ristocetin Cofactor Abnormal Control (lyophilised)	

5185	Calibration Plasma	
	(10 x 1.0 ml) Multi-Assayed, Normal Pool Calibration Plasma (lyophilised)	
5365	Tris-Buffered Saline	
	(1 x 125.0 ml) Tris-Buffered Saline (liquid)	
5370	Ristocetin Cofactor Kit	100
	(4 x 5.0 ml) Lyophilised Platelets (lyophilised) (2 x 1.5 ml) Ristocetin 10mg/ ml (lyophilised) (2 x 1.0 ml) Calibration Plasma (lyophilised) (2 x 0.5 ml) Ristocetin Cofactor Abnormal Control (lyophilised) (1 x 35.0 ml) Tris-Buffered Saline (liquid)	