Haemostasis reagent catalogue

Exhaustive, innovative and high-performing haemostasis reagent portfolio

Together for a better
healthcare journey

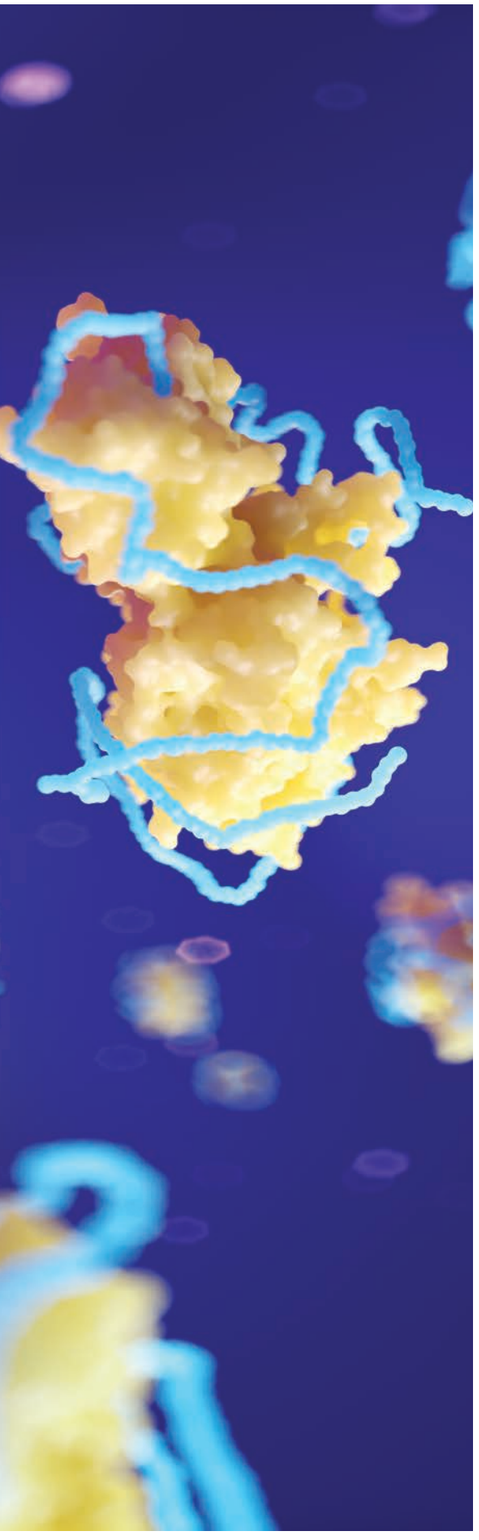

Table of contents

Elevating haemostasis diagnostics, empowering healthcare

Welcome to the Sysmex haemostasis reagents catalogue, compiled to empower your laboratory with the tools necessary for reliable and efficient haemostasis testing. For over 30 years, Sysmex has been at the forefront of instrument development, algorithm design, and analytical logic. This deep knowledge, combined with extensive customer service and support experience, allows us to create optimal assay application settings and parameterisations for even the most challenging patient samples.

At Sysmex, we understand the critical role of reliable haemostasis testing in patient care. That's why we offer a complete solution: A top-class reagent portfolio, advanced analysers, and expertly designed application protocols. This powerful combination delivers robust and dependable results you can trust, every time.

Whether you require routine assays for bleeding risk management or specialised tests for thrombophilia and anticoagulant therapy management, our extensive portfolio caters to your diverse needs. This catalogue serves as your guide to a world-class selection of reagents, including:

Routine assays: Find essential reagents such as Prothrombin Time (PT) and Activated Partial Thromboplastin Time (APTT) assays, forming the cornerstone of your haemostasis testing.

Specialised assays: Explore a comprehensive range of reagents for specialised testing, encompassing parameters like single coagulation factor, von Willebrand Factor activity and fibrinolysis evaluation. Throughout this catalogue, you'll find detailed descriptions of each reagent, including its REF code, material number, packaging, and compatibility with Sysmex coagulation analysers. We understand the critical role that quality reagents play in ensuring accurate and timely results. Our commitment to excellence extends beyond product offerings, providing technical support and resources to optimise your laboratory workflow.

With Sysmex, you gain more than just high-quality reagents. You gain a trusted partner dedicated to providing the tools and support you need to deliver exceptional patient care.

Prothrombin Time

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
Innovin	Prepared from purified recombinant human tissue factor. High sensitivity to extrinsic factor deficiencies and oral anticoagulant-treated patient plasma samples. Ideal for monitoring oral anticoagulant therapy with vitamin K-antagonists.		✓	B4212-40 B4212-50 B4212-100	10873825 10873826 10873824	10 × for 4 mL 10 × for 10 mL 12 × for 20 mL
Thromborel S	Prepared from human placental tissue factor. Suitable for monitoring oral anticoagulant therapy with vitamin K-antagonists. Good correlation with the WHO international reference thromboplastin preparation.			OUHP29 OUHP49	10873886 10873887	10 × for 4 mL 10 × for 10 mL
PT-Multi Calibrator	A set of six plasmas intended for the direct calibration of prothrombin time (PT) in INR and % of norm. The calibrators are also suitable for the determination of a local ISI value. The single plasma levels have calibrated values for each PT reagent on each instrument.			OPAT03	10873847	6 level × for 1 mL

Activate Partial Thromboplastin Time

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
Actin Activated Cephaloplastin	Moderate sensitivity to factor deficiencies (VIII, IX, XI, and XII). Ideal for moderate screening APTT reagent for routine testing. Low heparin sensitivity and moderate sensitivity to lupus anticoagulants.	💧	✓	B4218-1 B4218-2	10873827 10873829	10 × 2 mL 10 × 10 mL
Actin FS Activated PTT	High sensitivity for the detection of factor deficiencies (VIII, IX, XI and XII). Low sensitivity to lupus anticoagulants and high sensitivity to heparin. Suitable for the determination of single-factor activities in combination with corresponding deficient plasmas (VIII, IX, XI and XII).	💧	✓	B4218-20 B4218-100	10873830 10873828	10 × 2 mL 10 × 10 mL
Actin FSL Activated PTT	High sensitivity to lupus anticoagulants and moderate heparin sensitivity. The reagent shows good factor sensitivity to detect clinically significant deficiencies. Suitable for screening testing. Suitable for the determination of single-factor activities in combination with corresponding deficient plasmas (VIII, IX, XI and XII).	💧	✓	B4219-1 B4219-2	10873831 10873832	10 × 2 mL 10 × 10 mL
Pathromtin SL	High sensitivity to lupus anticoagulants, factor deficiencies, and heparin. Suitable for the determination of single-factor activities in combination with corresponding deficient plasmas (VIII, IX, XI and XII). Longer open vial stability.	💧		OQGS29 OQGS35 10873816[2]	10873862 10873863 10873816[2]	10 × 5 mL 20 × 5 mL 10 × 10 mL

[1] May vary depending on countries. Please check with your local Sysmex representatives.
[2] Specific country only.
LIQ: Liquid formulation, no reconstitution required. **NSTR:** No standing time required.

Fibrinogen

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
Thrombin	This reagent is used for the determination (Clauss method) of fibrinogen for the detection of hereditary or acquired hypo- and hyperfibrinogenemia, dysfibrinogenemia, and afibrinogenemia. Long stability after reconstitution.		✓	B4233-25 B4233-27	10873837 10873838	10 × for 1 mL 10 × for 5 mL
Fibrinogen Determination Reagents	This kit consists of Dade Thrombin reagent, Fibrinogen Standard, and Dade Owren's Veronal Buffer for use in the determination of fibrinogen (Clauss method) as described above.		✓	B4233-15SY	10873835	Kit
Data-Fi Abnormal Fibrinogen Control Plasma	This is derived from human plasma. It is used to assess the accuracy and precision of Dade Fibrinogen Determination reagents and Dade Thrombin in the lower range.			B4233-22	10873836	10 × for 1 mL
Multifibren U	This reagent is a bovine thrombin reagent used in the modified Clauss determination of fibrinogen for the detection of hereditary or acquired hypo- and hyperfibrinogenemia and dysfibrinogenemia. The reagent has a wide measuring range of 0.80–12.00 g/L. (Depending on the instrument)			OWZG19 OWZG23	10873900 10873901	10 × for 2 mL 10 × for 5 mL
Kaolin Suspension	It is used as a supplementary reagent for Multifibren U for the CA-101/104.	💧	✓	OQAB45	10873859	1 × 50 mL
Fibrinogen Calibrator kit	Contains a set of six plasmas used to prepare reference curves for the fibrinogen assay by the modified Clauss method using Multifibren U reagent. (Fibrinogen levels 1–6 have a range of approximately 0.6–9.0 g/L.)			OQVK11	10873868	6 level × 1 × for 1 mL

Thrombin Time

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
Thromboclotin	For the determination of thrombin time. Suitable for monitoring of fibrinolytic therapy, screening for disorders of fibrin formation, in suspected cases of severe fibrinogen deficiency states, and for differentiation between heparin-induced prolongation of the thrombin time and disorders of fibrinogen formation.		✓	281007	10873820	10 × for 10 mL
Test Thrombin	For the determination of thrombin time. This reagent is suitable for monitoring fibrinolytic therapy, screening for disorders of fibrin formation, in suspected cases of severe fibrinogen deficiency states, and for differentiation between heparin-induced prolongation of thrombin time and disorders of fibrinogen formation.		✓	OWHM13	10873894	10 × for 5 mL
Batroxobin Reagent	For the determination of the batroxobin time. This reagent is ideal for monitoring fibrinolytic therapy by determination of fibrinogen/ fibrin degradation products, diagnosis of afibrinogenemia and dysfibrinogenemia, and elucidation of prolonged thrombin times in cases of suspected presence of heparin.			OUOV21	10873889	2 × for 5 mL

Deficient Plasma

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
Coagulation Factor II Deficient Plasma	Human plasma-based reagent for the detection of hereditary or acquired deficiencies of factor II. Contains a residual factor activity of < 1% factor II activity.			OSGR13	10873878	3 × for 1 mL
Coagulation Factor V Deficient Plasma	Human plasma-based reagent for the detection of hereditary or acquired deficiencies of factor V. Contains a residual factor activity of < 1% factor V activity.			ORSM19	10873875	8 × for 1 mL
Coagulation Factor VII Deficient Plasma	Human plasma-based reagent for the detection of hereditary or acquired deficiencies of factor VII. Contains a residual factor activity of < 1% factor VII activity.			OTXV13	10873879	3 × for 1 mL
Coagulation Factor VIII Deficient Plasma	Human plasma-based reagent for the detection of hereditary or acquired deficiencies of factor VIII. Contains a residual factor activity of < 1% factor VIII activity.			OTXW17	10873880	8 × for 1 mL
Coagulation Factor IX Deficient Plasma	Human plasma-based reagent for the detection of hereditary or acquired deficiencies of factor IX. Contains a residual factor activity of < 1% factor IX activity.			OTXX17	10873881	8 × for 1 mL
Coagulation Factor X Deficient Plasma	Human plasma-based reagent for the detection of hereditary or acquired deficiencies of factor X. Contains a residual factor activity of < 1% factor X activity.			OTXY13	10873882	3 × for 1 mL
Coagulation Factor XI Deficient Plasma	Human plasma-based reagent for the detection of hereditary or acquired deficiencies of factor XI. Contains a residual factor activity of < 1% factor XI activity.			OSDF13	10873883	3 × for 1 mL
Coagulation Factor XII Deficient Plasma	Human plasma-based reagent for the detection of hereditary or acquired deficiencies of factor XII. Contains a residual factor activity of < 1% factor XII activity.			OSDG13	10873877	3 × for 1 mL

Chromogenic Assays

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
Factor VIII Chromogenic Assay	Recommended for factor FVIII determination in therapeutic factor FVIII preparations and the detection of hereditary or acquired factor VIII deficiencies.			B4238-40	10873840	Kit
Berichrom F XIII	Chromogenic, quantitative assay for the detection of hereditary acquired factor XIII deficiencies. This is also used for the monitoring of patients undergoing factor XIII substitution therapy.			OWSU11	10873897	Kit

[1] May vary depending on countries. Please check with your local Sysmex representatives.
LIQ: Liquid formulation, no reconstitution required. **NSTR:** No standing time required.

Anticoagulant monitoring

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
INNOVANCE Heparin	Chromogenic assay for the quantitative determination of the activity of unfractionated heparin (UFH) and low-molecular-weight heparin (LMWH). Ready-to-use liquid reagents and a single hybrid calibration curve for LMWH and UFH.	💧	✓	OPOA03	10873916	Kit
INNOVANCE Anti-Xa	Chromogenic assay for the quantitative determination of unfractionated heparin (UFH) and low molecular weight heparin (LMWH) activity for monitoring patients under UFH or LMWH therapy. Ready-to-use liquid reagents and a single hybrid calibration curve for LMWH and UFH. This reagent is also used for the quantitative determination of the direct factor Xa inhibitors rivaroxaban and apixaban as an aid in diagnosis to detect the anticoagulant status in patients under therapy with these factor Xa inhibitors.	💧	✓	OPPU05	10873942	Kit
INNOVANCE DTI Assay	Chromogenic assay for quantitative measurement of direct thrombin inhibitors. Ready-to-use reagent and can also be used with standards and controls for Dabigatran testing.		✓	OPOH03	10873922	Kit
INNOVANCE Heparin Calibrator	For calibration of the INNOVANCE Heparin/INNOVANCE Anti-Xa assays for the quantitative determination of the activity of unfractionated heparin (UFH) and low-molecular-weight heparin (LMWH) using a hybrid calibration curve. The calibrators are traceable to the WHO Standards for LMWH and UFH.			OPOB03	10873867	5 Level × 1 × 1 mL
INNOVANCE Heparin UF Control 1	For quality control of the INNOVANCE Heparin/ INNOVANCE Anti-Xa assays for the quantitative determination of unfractionated heparin (UFH). Concentration of heparin ~0.3 IU/mL.			OPOC03	10873920	5 × for 1 mL
INNOVANCE Heparin UF Control 2	For quality control of the INNOVANCE Heparin/ INNOVANCE Anti-Xa assays for the quantitative determination of unfractionated heparin (UFH). Concentration of heparin ~0.7 IU/mL.			OPOD03	10873919	5 × for 1 mL
INNOVANCE Heparin LMW Control 1	For quality control of the INNOVANCE Heparin/ INNOVANCE Anti-Xa assays for the quantitative determination of low-molecular-weight heparin (LMWH. Concentration of heparin ~0.4 IU/mL.			OPOE03	10873917	5 × for 1 mL
INNOVANCE Heparin LMW Control 2	For quality control of the INNOVANCE Heparin/ INNOVANCE Anti-Xa assays for the quantitative determination of low-molecular-weight heparin (LMWH)]. Concentration of heparin ~1.0 IU/mL.			OPOF03	10873918	5 × for 1 mL
Dabigatran Controls	For the INNOVANCE DTI Assay for the quantification of Dabigatran Concentration of Dabigatran: Control L ~65 ng/mL and Control H ~250 ng/mL.			OPOK03	10873923	2 level × 5 × for 1 mL
Dabigatran Standards	For the calibration of the INNOVANCE DTI Assay for the quantification of Dabigatran. The Standards set consists of a Dabigatran Standard 0 and Dabigatran Standard 1 with a concentration of dabigatran > 500 ng/mL.			OPOL03	10873924	2 level × 3 × for 1 mL

Anticoagulant monitoring

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
INNOVANCE Rivaroxaban Controls	For quality control of the INNOVANCE Anti-Xa assay for the quantitative determination of rivaroxaban. Including two levels of rivaroxaban controls, Control 1 ~70 ng/mL; Control 2 ~250 ng/mL.			OPPS03	10873940	2 Level × 5 × for 1 mL
INNOVANCE Rivaroxaban Standards	For calibration of the INNOVANCE Anti-Xa assay for the quantitative determination of the concentration of rivaroxaban. The Standards set consists of a Standard 0 without rivaroxaban and a Standard 1 with ~420 ng/mL rivaroxaban.			OPPT03	10873941	2 Level × 2 × for 1 mL
INNOVANCE Apixaban Controls	For quality control of the INNOVANCE Anti-Xa assay for the quantitative determination of apixaban. Including two levels of apixaban controls, Control 1 ~70 ng/mL; Control 2 ~250 ng/mL.			OPPV03	10873938	2 Level × 5 × for 1 mL
INNOVANCE Apixaban Standards	For calibration of the INNOVANCE Anti-Xa assay for the quantitative determination of the concentration of apixaban. The Standards set consists of a Standard 0 without apixaban and a Standard 1 with ~420 ng/mL apixaban.			OPPW03	10873939	2 Level × 2 × for 1 mL

Antithrombin

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
INNOVANCE Antithrombin	Chromogenic assay for the quantitative determination of functional antithrombin. The human factor Xa-based reagent has minimal interference with heparin cofactor II and thrombin inhibitors such as hirudin. Ready-to-use liquid reagents.	💧	✓	OPFH03 OPFH11 OPFH05	10873856 10873911 10873857	Small Kit Medium Kit Large Kit
Berichrom Antithrombin III	Chromogenic assay for the detection of hereditary or acquired antithrombin deficiency and monitoring of patients undergoing substitution therapy. The heparin co-factor-independent lyophilised reagent uses bovine thrombin and exhibits no interference with anti-FXa anticoagulants (e.g., rivaroxaban).			OWWR17 OWWR15	10873899 10873898	Small Kit Large Kit

Protein C

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
Protein C Reagent	Coagulometric reagent used for the quantitative determination of protein C activity. The reagent is suitable for the detection of hereditary or acquired protein C deficiencies.			OQYG11	10873871	Kit
Berichrom Protein C	Chromogenic activity assay. This is used for the detection of hereditary or acquired protein C deficiency types. The assay is also used for the monitoring of substitution therapy with protein C concentrates in congenital protein C deficiency. This assay is less susceptible to interfering substances than a clotting assay.		✓	OUVV15 OUVV17	10873892 10873893	Large Kit Small Kit

[1] May vary depending on countries. Please check with your local Sysmex representatives.
LIQ: Liquid formulation, no reconstitution required. **NSTR:** No standing time required.

Protein S

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
Protein S Ac	Coagulometric activity reagent. This is used for the detection of hereditary or acquired protein S deficiencies.			OPAP03	10873846	Kit
INNOVANCE Free PS Ag	This is for the quantitative detection of free protein S. It is a latex-particle enhanced immunoassay utilising two monoclonal antibodies that have high specificity for free protein S and do not bind to protein S/C4b-binding protein complexes. The high specificity also shows no major interferences, including interferences commonly incurred from rheumatoid factors and heterophilic antibodies. Ready-to-use liquid reagent.	💧	✓	OPGL03	10873858	Kit

Activated Protein C resistance

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
ProC Global ProC Global/FV	This reagent is a coagulometric screening reagent for the protein C pathway. It provides a determination of the anticoagulatory capacity of the protein C system. This is a heparin insensitive reagent and is useful for screening individuals affected by thrombophilia. This kit is sensitive to deficiencies of factor V Leiden and proteins C and S, certain lupus anticoagulants, and high factor VIII levels.			OQLS13	10873866	Kit
ProC Ac R	This is a dilute Russell's viper venom test with a sensitivity and specificity of > 99 %, which screens for APC resistance due to the presence of factor V Leiden mutation in patient samples. This reagent is insensitive to heparin and is not influenced by high levels of factor VIII.			OPBC03	10873848	Kit
ProC Control Plasma	Assayed control to estimate precision and analytical deviation of the ProC line of tests in the pathological range.			OQKE17	10873864	Kit

Lupus anticoagulant

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
LA 1 Screening Reagent[3]	This reagent contains dilute Russell's viper venom and low phospholipids for use in the simplified DRVVT as a screening test for the presence of lupus anticoagulants.		✓	OQGP17	OQGP17 (10446063)	10 × for 2 mL
LA 2 Confirmation Reagent[3]	This reagent is a simplified dilute Russell's viper venom time rich in phospholipids, aimed for the confirmation of the presence of lupus anticoagulants		✓	OQGR13	OQGR13 (10446064)	10 × for 2 mL
LA Control High[3]	Low-positive control for lupus anticoagulant clotting assays using LA 1 Screening and LA 2 Confirmation reagents.			OQWD11	OQWD11 (10446153)	6 × for 1 mL
LA Control Low[3]	High-positive control for lupus anticoagulant clotting assays using LA 1 Screening and LA 2 Confirmation reagents.			OQWE11	OQWE11 (10446154)	6 × for 1 mL

von Willebrand disease

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
vWF Ag[3]	This reagent is a coagulometric screening reagent for the protein C pathway. It provides a determination of the anticoagulatory capacity of the protein C system. This is a heparin insensitive reagent and is useful for screening individuals affected by thrombophilia. This kit is sensitive to deficiencies of factor V Leiden and proteins C and S, certain lupus anticoagulants, and high factor VIII levels.	●		OPAB03	OPAB03 10445967	Kit
INNOVANCE VWF Ac	This is a dilute Russell's viper venom test with a sensitivity and specificity of > 99 %, which screens for APC resistance due to the presence of factor V Leiden mutation in patient samples. This reagent is insensitive to heparin and is not influenced by high levels of factor VIII.	●	✓	OPHL03	10873906	Kit
BC von Willebrand Reagent	Assayed control to estimate precision and analytical deviation of the ProC line of tests in the pathological range.			OUBD37	10873912	5 × for 4 mL

D-Dimer

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
INNOVANCE D-Dimer	This kit is a rapid, highly precise, and sensitive latex-enhanced immunoassay for the determination of D-dimer. It offers a high diagnostic sensitivity of > 98 % for exclusion of VTE (venous thromboembolism). With its extended assay range, D-dimer levels can be used for the diagnosis and monitoring of patients with disseminated intravascular coagulopathy (DIC), as well as for the monitoring of anticoagulation treatment and pregnancy-related coagulopathies (e.g., preeclampsia and HELLP syndrome).			OPBP03 OPBP07	10873850 10873851	Small Kit Large Kit
INNOVANCE D-Dimer Sample Diluent	For dilution of samples with elevated D-dimer concentrations when running the INNOVANCE D-Dimer Assay.	●	✓	OPBR03	10873905	10 × 5 mL
INNOVANCE D-Dimer Controls	Assayed controls for the assessment of precision and analytical bias in the normal and pathological range for the determination of D-dimer with the INNOVANCE D-Dimer Assay.			OPDY03	10873854	2 Level × 5 × 1 mL

[1] May vary depending on countries. Please check with your local Sysmex representatives.
[3] Available under Siemens brand.
LIQ: Liquid formulation, no reconstitution required. **NSTR:** No standing time required.

Fibrinolysis

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
Berichrom α2-Antiplasmin	For the determination of α2-Antiplasmin and the detection of hereditary or acquired α2-Antiplasmin deficiencies. This is also applicable to the monitoring of fibrinolytic therapy.			OUBU15	10873884	Kit
Berichrom Plasminogen	For the determination of plasminogen and the detection of hereditary or acquired plasminogen deficiencies.		✓	OUCA17	10873885	Kit

Platelet aggregation

Product	Description	LIQ	NSTR	REF code	Material no.	Packaging
Revohem ADP	For screening of systemic and acquired thrombocytopathy. It is also intended for the biological monitoring of anti-platelet therapy such as aspirin, NSAIDs, thienopyridines, abciximab, or other glycoproteins IIb/IIIa (GPIIbIIIa) inhibitors.			AP200422	AP200422	3 × for 0.625 mL
Revohem Collagen	For the measurement of platelet aggregation. Besides the diagnosis of systemic or acquired platelet dysfunction, it can be used for the biological monitoring of patients undergoing anti-platelet therapy.			AW993826	AW993826	3 × for 0.625 mL
Revohem Epinephine	This is used for screening of systemic or acquired thrombocytopathy as well as biological monitoring of anti-platelet therapy. It is also intended for the biological monitoring of anti-platelet therapy such as aspirin, NSAIDs, thienopyridines, abciximab, or other glycoprotein IIb/IIIa (GPIIbIIIa) inhibitors.			BJ882610	BJ882610	3 × for 0.625 mL
Revohem Arachidonic Acid	It is used for the measurement of platelet aggregation. Besides the diagnosis of systemic or acquired platelet dysfunction, it can be used for the biological monitoring of patients undergoing anti-platelet therapy.			BV413997	BV413997	3 × for 0.625 mL
Revohem Ristocetin	This reagent is available for use in ristocetin-induced platelet aggregation (RIPA) tests. It is used to detect von Willebrand disease, more specifically, to highlight an increased affinity in von Willebrand factor (vWF) for GPIb in type 2B and to identify Bernard-Soulier syndrome. Ristocetin reagent can also be used with lyophilised platelets for the Ristocetin Co-factor Activity Assay (vWF:RCo) to assist in the diagnosis of von Willebrand disease.			BC444030	BC444030	3 × for 0.625 mL

Other

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
Berichrom C1-Inhibitor	Human C1 esterase-based assay determining the activity of C1 inhibitor in patient samples. This chromogenic activity assay is used for the diagnosis of diminished C1-inhibitor synthesis, increased consumption, and for monitoring substitution therapy as well as androgen therapy.			OUIA15	10873888	Kit

Calibrator

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
Standard Human Plasma	Citrated normal human pooled plasma intended for the calibration of various coagulation and fibrinolysis assays. This plasma is calibrated against the respective WHO standard, where available.			ORKL17	10873908	10 × for 1 mL

Controls

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
Control Plasma N	Citrated normal human pooled plasma. This control is used for the assessment of the precision and analytical deviation of various analytes in the normal range. This control provides assigned values for Sysmex analysers.			ORKE41	10873873	10 × for 1 mL
Control Plasma P	Citrated human plasma. This control is used for the assessment of the precision and analytical deviation of various analytes in the pathological range. This control provides assigned values for Sysmex analysers.			OUPZ17	10873890	10 × for 1 mL
Ci-Trol 1 **Ci-Trol 2** **Ci-Trol 3**	Citrated human plasma. This control is used for the assessment of the precision and analytical deviation of various analytes in the pathological range. This control provides assigned values for Sysmex analysers.			291070 291071 291072	10873821 10873822 10873823	10 × for 1 mL 10 × for 1 mL 10 × for 1 mL
Ci-Trol Coagulation Control Level 1, 2 and 3	Citrated human pooled plasma. These controls are intended for use as unassigned controls in the normal, mid, and upper therapeutic ranges.			B4244-10 B4244-20 B4244-30	10873842 10873843 10873844	20 × for 1 mL 20 × for 1 mL 20 × for 1 mL
Ci-Trol Heparin Control Low	Low-level control using the activated partial thromboplastin time (APTT).			B4224-50	10873833	10 × for 1 mL
Ci-Trol Heparin Control High	High-level control using the activated partial thromboplastin time (APTT).			B4224-60	10873834	10 × for 1 mL

[1] May vary depending on countries. Please check with your local Sysmex representatives.
LIQ: Liquid formulation, no reconstitution required. **NSTR:** No standing time required.

Auxiliary reagents

Product	Description	LIQ	NSTR	REF code	Material no. (SMN no.[1])	Packaging
Owren's Veronal Buffer	Dilution buffer for coagulation testing.	✓	✓	B4234-25	10873839	10 × 15 mL
CA System Buffer	Dilution buffer for coagulation testing.	✓	✓	B4265-37	10873915	8 × 250 mL
Calcium Chloride Solution	It is used as a supplementary reagent for APTT testing as well as other specialty testing.	✓	✓	ORHO37	10873872	10 × 15 mL
CN Coagwasher	A cleaning agent used to clean the pipettes in the Sysmex fully automated blood coagulation analysers.	✓	✓	AZ700649	–	2 L
CA Clean I	A detergent used for cleaning the pipettes used for Sysmex fully automated blood coagulation analysers.	✓	✓	96406313	–	50 mL
CA Clean II	A detergent used for cleaning the pipettes used for Sysmex fully automated blood coagulation analysers.	✓	✓	BT565104 96406136 97405810	–	45 mL 500 mL 5 L
Hepzyme	Heparin neutraliser in plasma to rule out heparin contamination in coagulation testing.			B4240-10	10873841	10 × for 1 mL

INSTRUMENT COMPATIBILITY

Assay	Product name	Instrument compatibility						
		CN-Series	CS-5100 CS-2500	CS-1600	CA-660	CA-620	CA-104*	CA-101*
PT	Innovin	✓	✓	✓	✓	✓	✓	✓
	Thromborel S	✓	✓	✓	✓	✓	✓	✓
	PT-Multi Calibrator	✓	✓	✓	✓	✓	✓	✓
APTT	Actin Activated Cephaloplastin		✓		✓	✓	✓	✓
	Actin FS Activated PTT	✓	✓	✓	✓	✓	✓	✓
	Actin FSL Activated PTT	✓	✓	✓	✓	✓	✓	✓
	Pathromtin SL	✓	✓	✓	✓	✓	✓	✓
	Calcium Chloride Solution	✓	✓	✓	✓	✓	✓	✓
Fibrinogen	Thrombin Reagent	✓	✓	✓	✓	✓		
	Fibrinogen Determination Reagents	✓	✓	✓	✓	✓		
	Data-Fi Abnormal Fibrinogen Control Plasma	✓	✓	✓	✓	✓		
	Multifibren U				✓	✓	✓	✓
	Kaolin Suspension						✓	✓
	Fibrinogen Calibrator kit				✓	✓	✓	✓
Thrombin Time/ Batroxobin Time	Thromboclotin	✓	✓	✓	✓	✓		
	Batroxobin Time	✓	✓	✓	✓	✓		
	Batroxobin Reagent	✓	✓					
Deficient Plasma	Coagulation Factor II Deficient Plasma	✓	✓					
	Coagulation Factor V Deficient Plasma	✓	✓					
	Coagulation Factor VIII Deficient Plasma	✓	✓	✓	✓	✓		
	Coagulation Factor IX Deficient Plasma	✓	✓	✓	✓	✓		
	Coagulation Factor X Deficient Plasma	✓	✓	✓				
	Coagulation Factor XI Deficient Plasma	✓	✓					
	Coagulation Factor XII	✓	✓					
	Deficient Plasma	✓	✓					
Factor Chromogenic Assays	Factor VIII Chromogenic Assay	✓	✓	✓				
	Berichrom F XIII	✓	✓					
Anticoagulant Monitoring	INNOVANCE Heparin	✓	✓					
	INNOVANCE Anti-Xa	✓	✓					
	INNOVANCE DTI Assay	✓	✓					
	INNOVANCE Heparin Calibrator	✓	✓					
	INNOVANCE Heparin UF Control 1	✓	✓					
	INNOVANCE Heparin UF Control 2	✓	✓					
	INNOVANCE Heparin LMW Control 1	✓	✓					
	INNOVANCE Heparin LMW Control 2	✓	✓					
	Dabigatran Controls	✓	✓					
	Dabigatran Standards	✓	✓					
	INNOVANCE Rivaroxaban Controls	✓	✓					
	INNOVANCE Rivaroxaban Standards	✓	✓					
	INNOVANCE Apixaban Controls	✓	✓					
	INNOVANCE Apixaban Standards	✓	✓					

Assay	Product name							
		CN-Series	CS-5100 CS-2500	CS-1600	CA-660	CA-620	CA-104*	CA-101*
Antithrombin	INNOVANCE Antithrombin	✓	✓	✓				
	Berichrom Antithrombin III (A)	✓	✓	✓				
Protein C	Protein C Reagent	✓	✓		✓	✓		
	Berichrom Protein C	✓	✓	✓				
Protein S	Protein S Ac	✓	✓					
	INNOVANCE Free PS Ag	✓	✓	✓				
Activated Protein C resistance	ProC Global	✓	✓					
	ProC Ac R	✓	✓					
	ProC Control Plasma	✓	✓					
Lupus anticoagulant	LA 1 Screening Reagent	✓	✓	✓	✓	✓		
	LA 2 Confirmation Reagent	✓	✓	✓	✓	✓		
	LA Control High	✓	✓	✓	✓	✓		
	LA Control Low	✓	✓	✓	✓	✓		
von Willebrand Disease	vWF Ag	✓	✓	✓	✓			
	INNOVANCE VWF Ac	✓	✓	✓	✓			
	BC von Willebrand Reagent	✓	✓					
D-Dimer	INNOVANCE D-Dimer	✓	✓	✓	✓			
	INNOVANCE D-Dimer Semple Diluent	✓	✓	✓	✓			
	INNOVANCE D-Dimer Controls	✓	✓	✓				
Fibrinolysis	Berichrom α2-Antiplasmin	✓	✓					
	Berichrom Plasminogen	✓	✓					
Platelet Aggregation	Revohem ADP	✓	✓					
	Revohem Collagen	✓	✓					
	Revohem Epinephine	✓	✓					
	Revohem Arachidonic acid	✓	✓					
	Revohem Ristocetin	✓	✓					
Other assay	Berichrom C1-Inhibitor	✓	✓					
General purpose calibrator and controls	Standard Human Plasma	✓	✓	✓	✓	✓	✓	✓
	Control Plasma N	✓	✓	✓	✓	✓	✓	✓
	Control Plasma P	✓	✓	✓	✓	✓	✓	✓
	Ci-Trol 1	✓	✓	✓	✓	✓	✓	✓
	Ci-Trol 2	✓	✓	✓	✓	✓	✓	✓
	Ci-Trol 3	✓	✓	✓	✓	✓	✓	✓
	Ci-Trol Coagulation Control Level 1	✓	✓	✓	✓	✓	✓	✓
	Ci-Trol Coagulation Control Level 2	✓	✓	✓	✓	✓	✓	✓
	Ci-Trol Coagulation Control Level 3	✓	✓	✓	✓	✓	✓	✓
	Ci-Trol Heparin Control Low	✓	✓	✓	✓	✓	✓	✓
	Ci-Trol Heparin Control High	✓	✓	✓	✓	✓	✓	✓
Auxiliary Reagents	Owren's Veronal Buffer	✓	✓	✓	✓	✓	✓	✓
	CA System Buffer	✓	✓	✓	✓	✓	✓	✓
	CN Coagwasher	✓						
	CA Clean I		✓	✓	✓	✓		
	CA Clean II**	✓**	✓**	✓**	✓**	✓**		
	Hepzyme	✓	✓	✓	✓	✓	✓	✓

* Not for sale in the EU.
** Not all product variants are applicable.

Distributor EMEA: Sysmex Europe SE · www.sysmex-europe.com
You will find your local Sysmex representative's address under www.sysmex-europe.com/contacts

EN.N.06/24