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Hemostasis Reagents Portfolio

Comprehensive reagent options to power up your lab.

Siemens Hemostasis Reagents Portfolio

Siemens has a history of innovation in hemostasis testing that spans more than 30 years. Our assays offer a broad selection of various testing solutions to support physicians in making sound diagnostic and therapeutic decisions. The hemostasis assay portfolio ranges from standard PT and APTT testing to the breakthrough von Willebrand Factor activity testing technology found in our INNOVANCE® VWF Ac Assay. No matter how routine or specialized your testing may be, we are committed to pushing the envelope to deliver new systems and reagents that meet the needs of laboratories of all sizes.

	Reagent Name	Reagent Description	SMN No.	Catalog No.	Package Size	Instrument Availability: Systems and Analyzers: BCS® XP*	BFT *II*	Sysmex® Systems: CA-7000	CA-1500	CA-560 CA-660†	CS-2000*i* CS-2100*i* CS-2500	CS-5100	Comments
PT	Thromborel® S Reagent	Thromborel S Reagent is prepared from human placental tissue factor combined with calcium chloride and stabilizers. The reagent contains minimal residual clotting factors, such as prothrombin or factors VII or X, for clear definition of factor deficiencies and steep factor assay curves. Because of its high sensitivity to these coagulation factors, the reagent is suitable for monitoring oral anticoagulant therapy. Thromborel S Reagent exhibits good correlation with the WHO international reference thromboplastin preparation. With the Thromborel S Reagent and the appropriate deficient plasma, it is possible to determine activity of coagulation factors II, V, VII, and X. The reagent differentiates abnormal plasmas, even in the mildly pathological range.	10446442 10446445	OUHP29 OUHP49	10 x for 4 mL 10 x for 10 mL	●	●	●	●	●	●	●	
	Dade® Innovin® Reagent	Dade Innovin Reagent is prepared from purified recombinant human tissue factor produced in *E. coli*, combined with synthetic phospholipids, calcium, buffers, and stabilizers. It is highly sensitive to extrinsic factor deficiencies and oral anticoagulant-treated patient plasma samples. The sensitivity of Dade Innovin Reagent is very similar to that of the WHO human brain reference thromboplastin. It is insensitive to therapeutic levels of heparin, which, in combination with high sensitivity to coagulation factors, makes Dade Innovin Reagent ideal for monitoring oral anticoagulant therapy and differentiating abnormal plasmas, even in the mildly pathological range.	10445705 10445706 10445704	B4212-40 B4212-50 B4212-100	10 x for 4 mL 10 x for 10 mL 12 x for 20 mL	●	●	●	●	●	●	●	
APTT	Dade Actin® Activated Cephaloplastin Reagent	Dade Actin Activated Cephaloplastin Reagent has moderate sensitivity to factor deficiencies (VIII, IX, XI, and XII) in the intrinsic system. It is the ideal choice for institutions requiring a moderate screening APTT reagent for routine testing. Dade Actin has low heparin sensitivity, allowing the monitoring of heparin therapy even with high heparin dosage. Dade Actin Reagent has moderate sensitivity to lupus anticoagulants.	10445709 10445711	B4218-1 B4218-2	10 x 2 mL 10 x 10 mL	●	●	●	●	●	●	●	
	Dade Actin FS Activated PTT Reagent	Dade Actin FS Activated PTT Reagent is a highly sensitive reagent for the detection of factor deficiencies (VIII, IX, XI, XII) of the intrinsic system. With moderate sensitivity to lupus anticoagulants and high sensitivity to heparin, it fulfills all requirements of routine coagulation testing.	10445712 10445710	B4218-20 B4218-100	10 x 2 mL 10 x 10 mL	●	●	●	●	●	●	●	
	Dade Actin FSL Activated PTT Reagent	Dade Actin FSL Activated PTT Reagent exhibits increased sensitivity to lupus anticoagulants and moderate heparin sensitivity. The reagent shows good factor sensitivity to detect clinically significant deficiencies of the intrinsic system.	10445713 10445714	B4219-1 B4219-2	10 x 2 mL 10 x 10 mL	●	●	●	●	●	●	●	
	Pathromtin® SL Reagent	Pathromtin SL Reagent exhibits high sensitivity to lupus anticoagulants, factor deficiencies, and heparin.	10446066 10446067	OQGS29 OQGS35	10 x 5 mL 20 x 5 mL	●	●	●	●	●	●	●	
Fibrinogen	Multifibren® U Reagent	Multifibren U 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 is insensitive to heparin up to 2.0 U/mL and has a wide measuring range of 0.80–12.00 g/L.	10446689 10446691	OWZG19 OWZG23	10 x for 2 mL 10 x for 5 mL	●	●	●	●	●			
	Dade Thrombin Reagent	Dade Thrombin Reagent is an effective reagent for use in the determination (Clauss method) of fibrinogen in the detection of hereditary or acquired hypo- and hyperfibrinogenemia, dysfibrinogenemia, and afibrinogenemia. The reagent offers long stability after reconstitution.	10445720 10445721	B4233-25 B4233-27	10 x for 1 mL 10 x for 5 mL			●	●	●	●	●	
	Dade Fibrinogen Determination Reagent	The Dade Fibrinogen Determination Reagent consists of Dade Thrombin Reagent, Fibrinogen Standard, and Dade Owren's Veronal Buffer for use in the determination of fibrinogen (Clauss method) in the detection of hereditary or acquired hypo- and hyperfibrinogenemia, dysfibrinogenemia, and afibrinogenemia. The reagent offers long stability after reconstitution.	10445718	B4233-15SY	Kit			●	●		●	●	

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†Applications on the CA-500/600 series systems (CA-540, CA-620) may vary.

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Thrombin Time/ Batroxobin Time	BC Thrombin Reagent	BC Thrombin Reagent is utilized for the determination of the thrombin time. The BC Thrombin Reagent is 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. Thrombin time is found to be prolonged not only due to disorders in fibrin polymerization, but also due to the presence of heparin. Differentiation can be achieved using Batroxobin Reagent.	10446636	OWNA11	Kit	●							
	Thromboclotin® Reagent	Thromboclotin Reagent is intended for the determination of thrombin time in citrated human plasma. The reagent is 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. Thrombin time is found to be prolonged not only due to disorders in fibrin polymerization, but also due to the presence of heparin. Differentiation can be achieved using Batroxobin Reagent.	10445597	281007	10 x for 10 mL	●	●		●	●	●	●	
	Test Thrombin Reagent	Test Thrombin Reagent is intended for the determination of thrombin time in citrated human plasma. The reagent is 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. Thrombin time is found to be prolonged not only due to disorders in fibrin polymerization, but also due to the presence of heparin. Differentiation can be achieved using Batroxobin Reagent.	10446598	OWHM13	10 x for 5 mL		●	●	●	●	●	●	
	Batroxobin Reagent	Batroxobin Reagent is a snake venom-based reagent intended for the determination of the batroxobin time. It 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.	10446463	OUOV21	2 x for 5 mL	●	●	●	●	●	●	●	
Single Factors	Coagulation Factor II Deficient Plasma	Coagulation Factor II Deficient Plasma is a human plasma-based reagent for the detection of hereditary or acquired deficiencies of factor II (prothrombin). It is manufactured by immunoabsorption and contains a residual factor concentration of <1% prothrombin activity and normal levels of fibrinogen and other extrinsic clotting factors. Coagulation Factor II Deficient Plasma was designed to be used in combination with Dade Innovin or Thromborel S Reagents.	10446330	OSGR13	3 x for 1 mL	●	●	●	●		●	●	
	Coagulation Factor V Deficient Plasma	Coagulation Factor V Deficient Plasma is a human plasma-based reagent for the detection of hereditary or acquired deficiencies of factor V. It is manufactured by immunoabsorption and contains a residual factor concentration of <1% factor V activity and normal levels of fibrinogen and other extrinsic clotting factors. Coagulation Factor V Deficient Plasma was designed to be used in combination with Dade Innovin or Thromborel S Reagents.	10446269	ORSM19	8 x for 1 mL	●	●	●	●		●	●	
	Coagulation Factor VII Deficient Plasma	Coagulation Factor VII Deficient Plasma is a human plasma-based reagent for the detection of hereditary or acquired deficiencies of factor VII. It is manufactured by immunoabsorption and contains a residual factor concentration of <1% factor VII activity and normal levels of fibrinogen and other extrinsic clotting factors. Coagulation Factor VII Deficient Plasma was designed to be used in combination with Dade Innovin or Thromborel S Reagents.	10446407	OTXV13	3 x for 1 mL	●	●	●	●	●	●	●	
	Coagulation Factor VIII Deficient Plasma	Coagulation Factor VIII Deficient Plasma is a human plasma-based reagent for the detection of hereditary or acquired deficiencies of factor VIII (hemophilia A). With a residual factor activity of <1%, the reagent is ideal for the monitoring of substitution therapy. Coagulation Factor VIII Deficient Plasma was designed to be used in combination with Dade Actin, Dade Actin FS, Dade Actin FSL, or Pathromtin SL Reagents.	10446411	OTXW17	8 x for 1 mL	●	●	●	●	●	●	●	
	Coagulation Factor IX Deficient Plasma	Coagulation Factor IX Deficient Plasma is a human plasma-based reagent for the detection of hereditary or acquired deficiencies of factor IX (hemophilia B). With a residual factor activity of <1%, the reagent is ideal for the monitoring of substitution therapy. Coagulation Factor IX Deficient Plasma was designed to be used in combination with Dade Actin, Dade Actin FS, Dade Actin FSL, or Pathromtin SL Reagents.	10446414	OTXX17	8 x for 1 mL	●	●	●	●		●	●	
	Coagulation Factor X Deficient Plasma	Coagulation Factor X Deficient Plasma is a human plasma-based reagent for the detection of hereditary or acquired deficiencies of factor X. It is manufactured by immunoabsorption and contains a residual factor concentration of <1% factor X activity and normal levels of fibrinogen and other extrinsic clotting factors. Coagulation Factor X Deficient Plasma was designed to be used in combination with Dade Innovin or Thromborel S Reagents.	10446415	OTXY13	3 x for 1 mL	●	●	●	●		●	●	
	Coagulation Factor XI Deficient Plasma	Coagulation Factor XI Deficient Plasma is a human plasma-based reagent for the detection of hereditary or acquired deficiencies of factor XI. The reagent has a residual factor concentration of <1% factor XI activity and was designed to be used in combination with Dade Actin, Dade Actin FS, Dade Actin FSL, or Pathromtin SL Reagents.	10446316	OSDF13	3 x for 1 mL	●	●	●	●		●	●	

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Single Factors	Coagulation Factor XII Deficient Plasma	Coagulation Factor XII Deficient Plasma is a human plasma-based reagent for the detection of hereditary or acquired deficiencies of factor XII. The reagent has a residual factor concentration of <1% factor XII activity and was designed to be used in combination with Dade Actin, Dade Actin FS, Dade Actin FSL, or Pathromtin SL Reagents.	10446318	OSDG13	3 x for 1 mL	●	●	●	●		●	●	
	Berichrom® Factor XIII Kit	The Berichrom Factor XIII Kit is a chromogenic, quantitative assay for the detection of hereditary or acquired factor XIII deficiencies. The chromogenic activity reagent is also utilized for the monitoring of patients undergoing factor XIII substitution therapy.	10446652	OWSU11	Kit	●					●	●	
	Factor VIII Chromogenic Assay	The Factor VIII Chromogenic Assay is recommended for factor FVIII determination in therapeutic factor FVIII preparations and the detection of hereditary or acquired factor VIII deficiencies. The chromogenic method is insensitive to heparin at levels of <10 IU/mL.	10445729	B4238-40	Kit	●		●	●		●	●	
von Willebrand Factors	INNOVANCE VWF Ac Kit	The INNOVANCE VWF Ac Kit is a sensitive, reliable, and convenient test system for direct determination of VWF activity. It employs an advanced new technology, allowing the assay to mimic the way in which VWF binds to glycoprotein Ib (GPIb), the major VWF receptor protein on platelets. Latex particles are coated with an antibody against GPIb, to which recombinant GPIb is added. The addition of patient plasma induces a VWF-dependent agglutination, which is detected turbidimetrically. Because the recombinant receptor protein includes two gain-of-function mutations, the assay does not require ristocetin.	10487040	OPHL03	Kit	●		●	●	●	●	●	
	BC von Willebrand Reagent	BC von Willebrand Reagent provides a simple, rapid, and automated procedure for the determination of the ristocetin cofactor activity of von Willebrand factor. The reagent, which provides a rapid measurement time, is sensitive to types 1, 2, and 3 of von Willebrand disease (except VWD 2N) and is the recommended screening method for von Willebrand disease.	10446425	OUBD37	5 x for 4 mL	●					●	●	
	von Willebrand Reagent	von Willebrand Reagent is a manual, quantitative activity method sensitive to types 1, 2, and 3 of von Willebrand disease (except VWD 2N). The ristocetin cofactor assay is recommended for the screening of von Willebrand disease.	10446423	OUBD23	5 x for 2 mL								manual method
	vWF Ag® Kit	vWF Ag Kit contains is a quantitative, automated immunoassay used to determine the differentiation of quantitative versus qualitative von Willebrand factor deficiencies. It is sensitive to types 1 and 3 VWF deficiencies and offers a wide measuring range of 2–600%.	10445967	OPAB03	Kit	●		●	●	●	●	●	
Thrombophilia	LA 1 Screening Reagent	LA 1 Screening Reagent contains dilute Russell's viper venom and low phospholipids for use in the simplified DRVVT as a screening test for lupus anticoagulants. The LA 1 Screening Reagent was designed to be used in conjunction with the LA 2 Confirmation Reagent.	10446063	OQGP17	10 x for 2 mL	●	●	●	●	●	●	●	
	LA 2 Confirmation Reagent	LA 2 Confirmation Reagent is a simplified dilute Russell's viper venom test rich in phospholipids, making it ideal for the confirmation of lupus anticoagulants. The LA 2 Confirmation Reagent was designed to be used in conjunction with the LA 1 Screening Reagent.	10446064	OQGR13	10 x for 1 mL	●	●	●	●	●	●	●	
	ProC® Global Kit	ProC Global Kit is a coagulometric screening reagent for the protein C pathway. It provides a determination of the anticoagulatory capacity of the protein C system. The heparin-insensitive reagent is useful in screening individuals affected by thrombophilia. ProC Global Kit is sensitive to deficiencies of factor V Leiden and proteins C and S, certain lupus anticoagulants, and high factor VIII levels.	10446101	OQLS13	Kit	●	●	●	●		●	●	
	ProC Ac R Kit	The ProC Ac R Kit, a dilute Russell's viper venom test with a sensitivity and specificity of >99%, screens for APC resistance due to the presence of factor V Leiden in patient samples. The reagent is insensitive to heparin and is not influenced by high levels of factor VIII.	10445977	OPBC03	Kit	●		●	●		●	●	
	INNOVANCE Free PS Ag Kit	The INNOVANCE Free PS Ag kit is an easy-to-use, highly specific, and stable test for the quantitative detection of free protein S in human plasma. It is based on monoclonal antibodies and employs polystyrene particles covalently coated with two monoclonal antibodies (mAb A and mAb B) 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. The ready-to-use, liquid reagent provides excellent stability performance as well as precision.	10446029	OPGL03	Kit	●		●	●		●	●	
	Protein S Ac Reagent	Protein S Ac Reagent, a coagulometric activity reagent, is utilized for the detection of hereditary or acquired protein S deficiencies.	10445968	OPAP03	Kit	●		●	●		●	●	
	Protein C Reagent	Protein C Reagent is a 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.	10446185	OQYG11	Kit	●	●	●	●	●	●	●	

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Thrombophilia	Berichrom Protein C Kit	The Berichrom Protein C Kit, a chromogenic activity assay, is utilized 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. The Berichrom Protein C Kit is less susceptible to interfering substances than a clotting assay.	10446499 10446500	OUVV17 OUVV15	Small Kit Large Kit	●		●	●	●	●	●	
	INNOVANCE Antithrombin Kit	The INNOVANCE Antithrombin Kit is an automated 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. The ready-to-use, liquid reagents provide excellent precision and reliability.	10446014 10709521 10446015	OPFH03 OPFH11 OPFH05	Small Kit Medium Kit Large Kit	●		●	●	●	●	●	
	Berichrom Antithrombin III (A) Kit	The Berichrom Antithrombin III (A) Kit is a chromogenic activity assay for the detection of hereditary or acquired antithrombin deficiency and monitoring of patients undergoing substitution therapy. The heparin co-factor-independent lyophilized reagent uses bovine thrombin and exhibits no interference with anti-FXa anticoagulants (e.g., rivaroxaban).	10446673 10446672	OWWR17 OWWR15	Small Kit Large Kit	●		●	●	●	●	●	
Anticoagulant Therapy Management:	Berichrom Heparin Kit	The Berichrom Heparin Kit, a chromogenic, factor Xa-based activity assay, is utilized for the monitoring of heparin therapy and the determination of unfractionated (UF) and low molecular weight (LMW) heparin in patient samples.	10446620	OWLD11	Kit	●		●	●	●	●	●	
	INNOVANCE Heparin Kit	The INNOVANCE Heparin Kit features an in-vitro diagnostic automated chromogenic assay for the quantitative determination of the activity of unfractionated heparin (UFH) and low molecular weight heparin (LMWH) in citrated human plasma. The assay uses liquid, ready-to-use reagents and a single hybrid calibration curve for LMWH and UFH.	10873448	OPOA03	Kit	●					●	●	
	INNOVANCE DTI Kit	The INNOVANCE DTI Kit features a competitive chromogenic assay for in-vitro quantitative measurement of direct thrombin inhibitors. Direct thrombin inhibitors are measured in human citrated plasma with an automated method to aid in the detection of their pharmacodynamic and pharmacokinetic effects and the anticoagulant status of the patient. The assay utilizes ready-to-use reagents and can be used with Standards and Controls for Dabigatran testing.	10873467	OPOH03	Kit	●					●‡		
Fibrinolysis	Berichrom α2-Antiplasmin Kit	The Berichrom α2-Antiplasmin Kit is utilized for the determination of α2-antiplasmin and the detection of hereditary or acquired α2-antiplasmin deficiencies.	10446427	OUBU15	Kit	●		●	●		●	●	
	Berichrom Plasminogen Kit	Berichrom Plasminogen Kit, a chromogenic activity test system, is used for the determination of plasminogen and the detection of hereditary or acquired plasminogen deficiencies.	10446431	OUCA17	Kit	●		●	●		●	●	
	Berichrom PAI Kit	The Berichrom PAI Kit is a chromogenic test system for the determination of PAI (Plasminogen Activator Inhibitor) levels as an indicator of a thrombophilic state and hypofibrinolysis. The reagent is not influenced by α2-antiplasmin or FDP.	10446642	OWOA15	Kit	●							
D-Dimer	INNOVANCE D-Dimer Kit	The INNOVANCE D-Dimer Kit is a rapid, highly precise, and sensitive test system for the determination of D-dimer. It offers 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., pre-eclampsia and HELLP syndrome).	10445979 10445980	OPBP03 OPBP07	Small Kit Large Kit	●		●	●	●	●	●	
	Dade Dimertest Latex Assay	The Dade Dimertest Latex Assay is a rapid agglutination test system using latex particles coated with a specific D-dimer monoclonal antibody. Dimertest is intended for the qualitative or semi-quantitative evaluation of cross-linked fibrin degradation products containing D-dimers.	10445722	B4233-60	Kit								manual method
	D-Dimer Latex Beads	D-Dimer Latex Beads are latex particles coated with a specific D-dimer monoclonal antibody used in the qualitative or semi-quantitative evaluation of cross-linked fibrin degradation products containing D-dimers.	10445723	B4233-61	1 x for 2 mL								manual method
Controls	Control Plasma N	Control Plasma N is citrated normal human pooled plasma. Control Plasma N is used for the assessment of the precision and analytical deviation of various analytes in the normal range. This control provides assigned values for the respective available analytes.	10446234	ORKE41	10 x for 1 mL	●	●	●	●	●	●	●	
	Control Plasma P	Control Plasma P is citrated human plasma. Control Plasma P is a precision and accuracy control intended to monitor the performance of various parameters in the pathological range. The control provides assigned values for the respective available analytes.	10446471	OUPZ17	10 x for 1 mL	●	●	●	●	●	●	●	
	Dade Ci-Trol® 1, 2, and 3 Controls	Dade Ci-Trol Level 1, 2, and 3 Controls are intended for use as precision and accuracy controls in the normal, mid, and upper therapeutic ranges for the routine assays. The controls provide assigned values for the respective available analytes.	10445601 10445602 10445603	291070 291071 291072	10 x for 1 mL 10 x for 1 mL 10 x for 1 mL	●	●	●	●	●	●	●	
	Dade Ci-Trol Coagulation Control Level 1, 2, and 3	Dade Ci-Trol Coagulation Control Level 1, 2, and 3 Controls are composed of citrated human pooled plasma. They are intended for use as unassigned controls in the normal, mid, and upper therapeutic ranges.	10445731 10445732 10445733	B4244-10 B4244-20 B4244-30	20 x for 1 mL 20 x for 1 mL 20 x for 1 mL	●	●	●	●	●	●	●	

*Also applicable on BCS System.
†Applications on the CA-500/600 series systems (CA-540, CA-620) may vary.
‡Application on the CS-2500 System under development and available soon.

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Controls	V.E.Q. Coag A Control	Unassigned control consists of citrated normal human pooled plasma. The control is utilized for precision control of coagulation tests in the normal range.	10445599	291043	10 x for 1 mL	●	●	●	●	●	●	●	
	V.E.Q. Coag B Control	Unassigned control consists of citrated human pooled plasma. The control is utilized for precision control of coagulation tests in the pathological range.	10445600	291044	10 x for 1 mL	●	●	●	●	●	●	●	
	Dade Data-Fi® Abnormal Fibrinogen Control Plasma	Dade Data-Fi Abnormal Fibrinogen Control Plasma is a control derived from human plasma. It is used to assess accuracy and precision of Dade Fibrinogen Determination Reagents in the low range.	10445719	B4233-22	10 x for 1 mL			●	●	●	●	●	
	LA Control Low	LA Control Low is a low-positive control for lupus anticoagulant clotting assays using LA 1 Screening and LA 2 Confirmation Reagents.	10446154	OQWE11	6 x for 1 mL	●	●	●	●	●	●	●	
	LA Control High	LA Control High is a high-positive control for lupus anticoagulant clotting assays using LA 1 Screening and LA 2 Confirmation Reagents.	10446153	OQWD11	6 x for 1 mL	●	●	●	●	●	●	●	
	ProC Control Plasma	ProC Control Plasma is an assayed intralaboratory control to estimate precision and analytical deviation of the ProC line of tests in the pathological range.	10446096	OQKE17	6 x for 1 mL	●	●	●	●		●	●	
	Ci-Trol Heparin Control Low	Ci-Trol Heparin Control Low is a low-level control using the activated partial thromboplastin time (APTT).	10445715	B4224-50	10 x for 1 mL	●		●	●	●			
	Ci-Trol Heparin Control High	Ci-Trol Heparin Control High is a high-level control using the activated partial thromboplastin time (APTT).	10445716	B4224-60	10 x for 1 mL	●		●	●	●			
	INNOVANCE D-Dimer Controls	INNOVANCE D-Dimer Controls 1 and 2 are 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.	10446005	OPDY03	2 x 5 x for 1 mL	●		●	●	●	●	●	
	Berichrom Heparin UF Control 1	Berichrom Heparin UF Control 1 is a precision and accuracy control used to monitor the performance of the Berichrom Heparin Assay in the therapeutical unfractionated heparin range.	10445985	OPBY03	6 x for 1 mL	●		●	●	●	●	●	
	Berichrom Heparin UF Control 2	Berichrom Heparin UF Control 2 is a precision and accuracy control used to monitor the performance of the Berichrom Heparin Assay in the subtherapeutical unfractionated heparin range.	10445986	OPBZ03	6 x for 1 mL	●		●	●	●	●	●	
	Berichrom Heparin LMW Control 1	Berichrom Heparin LMW Control is a precision and accuracy control used to monitor the performance of the Berichrom Heparin Assay in the therapeutical low-molecular-weight heparin range.	10445990	OPCD03	6 x for 1 mL	●		●	●	●	●	●	
	Berichrom Heparin LMW Control 2	Berichrom Heparin LMW Control 2 is a precision and accuracy control used to monitor the performance of the Berichrom Heparin Assay in the subtherapeutical low-molecular-weight heparin range.	10445988	OPCB03	6 x for 1 mL	●		●	●	●	●	●	
	INNOVANCE Heparin UF Control 1	For quality control of the INNOVANCE® Heparin assay for the quantitative determination of unfractionated heparin (UFH) and low molecular-weight heparin (LMWH) in citrated human plasma. Concentration of Heparin ~0.3 IU/mL	10873452	OPOC03	5 x for 1 mL	●					●	●	
	INNOVANCE Heparin UF Control 2	For quality control of the INNOVANCE® Heparin assay for the quantitative determination of unfractionated heparin (UFH) and low molecular-weight heparin (LMWH) in citrated human plasma. Concentration of Heparin ~0.7 IU/mL	10873451	OPOD03	5 x for 1 mL	●					●	●	
	INNOVANCE Heparin LMW Control 1	For quality control of the INNOVANCE® Heparin assay for the quantitative determination of unfractionated heparin (UFH) and low molecular-weight heparin (LMWH) in citrated human plasma. Concentration of Heparin ~0.4 IU/mL	10873449	OPOE03	5 x for 1 mL	●					●	●	
	INNOVANCE Heparin LMW Control 2	For quality control of the INNOVANCE® Heparin assay for the quantitative determination of unfractionated heparin (UFH) and low molecular-weight heparin (LMWH) in citrated human plasma. Concentration of Heparin ~1.0 IU/mL	10873450	OPOF03	5 x for 1 mL	●					●	●	
	Dabigatran Controls	Dabigatran Controls are used as assayed controls for the INNOVANCE® DTI Assay for the quantification of Dabigatran in human citrated plasma. Concentration of Dabigatran: Control L ~65 ng/mL and Control H ~250 ng/mL	10873470	OPOK03	2x 5x for 1 mL	●					●‡		

*Also applicable on BCS System.
†Applications on the CA-500/600 series systems (CA-540, CA-620) may vary.
‡Application on the CS-2500 System under development and available soon.

	Reagent Name	Reagent Description	SMN No.	Catalog No.	Package Size	Instrument Availability: Systems and Analyzers: BCS® XP*	Systems and Analyzers: BFT *II*	Sysmex Systems: CA-7000	Sysmex Systems: CA-1500	Sysmex Systems: CA-560 CA-660†	Sysmex Systems: CS-2000*i* CS-2100*i* CS-2500	Sysmex Systems: CS-5100	Comments
Standards and Calibrators	Standard Human Plasma	Standard Human Plasma is citrated normal human pooled plasma intended for the calibration of various coagulation and fibrinolysis assays. Standard human plasma is calibrated against the respective WHO standard, where available.	10446238	ORKL17	10 x for 1 mL	●	●	●	●	●	●	●	
	PT-Multi Calibrator	The PT-Multi Calibrator comprises 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 Innovin and Thromborel S Reagents on each individual instrument.	10445969	OPAT03	6 x for 1 mL	●	●	●	●	●	●	●	
	Fibrinogen Calibrator Kit	The Fibrinogen Calibrator Kit comprises a set of six plasmas used to prepare reference curves for the fibrinogen assay by the modified Clauss method using Siemens Healthcare Diagnostics' Multifibren U Reagent. (Fibrinogen levels 1–6 have a range of approximately 0.6–9.0 g/L.)	10446148	OQVK11	6 x for 1 mL	●	●	●	●	●			
	Berichrom Heparin UF Calibrator	The Berichrom Heparin UF Calibrator is for use in the preparation of an unfractionated heparin calibration curve with the Berichrom Heparin Kit. It is calibrated against the WHO standard for unfractionated heparin.	10445989	OPCC03	6 x for 1 mL	●		●	●	●	●	●	
	Berichrom Heparin LMW Calibrator	The Berichrom Heparin LMW Calibrator is for use in preparation of a LMW heparin calibration curve with the Berichrom Heparin Kit. It is calibrated against the WHO standard for LMWH.	10445987	OPCA03	6 x for 1 mL	●		●	●	●	●	●	
	INNOVANCE Heparin Calibrator	For calibration of the INNOVANCE Heparin assay for the quantitative determination of the activity of unfractionated heparin (UFH) and low molecular-weight heparin (LMWH) in citrated human plasma by utilizing a hybrid calibration curve. The calibrators are traceable to the WHO Standards for LMWH and UFH.	10873453	OPOB03	5x 1x for 1 mL	●					●	●	
	INNOVANCE ETP Standard	INNOVANCE ETP Standard is a powerful tool for measuring hemostatic potential in plasma. INNOVANCE ETP Standard, provides a measure of concentration and time of thrombin action and quantifies capacity for thrombin generation (endogenous thrombin potential).	10446024	OPGE03	6 x for 1 mL	●							
	Dabigatran Standards	Dabigatran Standards are used for the calibration of INNOVANCE DTI Assay for the quantification of Dabigatran in human citrated plasma. The Standard set consists of a Dabigatran Standard 0 and Dabigatran Standard 1 with a concentration of Dabigatran >500 ng/mL.	10873471	OPOL03	2x 3 for 1 mL	●					●‡		
Supplementary	Calcium Chloride Solution	Calcium Chloride Solution is used as a supplementary reagent for various coagulation tests.	10446232	ORHO37	10 x 15 mL	●	●	●	●	●	●	●	
	Dade Hepzyme® Reagent	Dade Hepzyme Reagent is used as a heparin neutralizer in plasma to rule out heparin contamination in coagulation testing.	10445730	B4240-10	10 x for 1 mL	●	●	●	●	●	●	●	
	Owren's Veronal Buffer	Owren's Veronal Buffer is a dilution buffer for coagulation testing.	B4234-25	B4234-25	10 x 15 mL	●		●	●	●	●	●	
	INNOVANCE D-Dimer Diluent	INNOVANCE D-Dimer Diluent is a liquid used for dilution of samples with elevated D-dimer concentrations when running the INNOVANCE D-Dimer Assay.	10487039	OPBR03	10 x 5 mL	●		●	●	●	●	●	
	Imidazole Buffer Solution	Imidazole Buffer Solution is used as a supplementary reagent for various coagulation assays that run on the BFT *II* System.	10446032	OQAA33	6 x 15 mL		●						
	Kaolin Suspension	Kaolin Suspension is used as a supplementary reagent for various assays for the BFT *II* System.	10446033	OQAB42	1 x 50 mL		●						

*Also applicable on BCS System.
†Applications on the CA-500/600 series systems (CA-540, CA-620) may vary.
‡Application on the CS-2500 System under development and available soon.

	Reagent Name	Reagent Description	SMN No.	Catalog No.	Package Size	Instrument Availability: Systems and Analyzers: BCS® XP*	Instrument Availability: Systems and Analyzers: BFT *II*	Instrument Availability: Sysmex Systems: CA-7000	Instrument Availability: Sysmex Systems: CA-1500	Instrument Availability: Sysmex Systems: CA-560 CA-660†	Instrument Availability: Sysmex Systems: CS-2000*i* CS-2100*i* CS-2500	Instrument Availability: Sysmex Systems: CS-5100	Comments
Other	Enzygnost® TAT micro Kit	Enzygnost TAT micro is an ELISA assay for thrombin-antithrombin complex determination. The reagent is utilized for the diagnosis of hypercoagulability (e.g., in DIC).	10446632	OWMG15	Kit								ELISA/BEP® Systems
	Enzygnost F1+2 (monoclonal) Kit	Enzygnost F1+2 (monoclonal) is an ELISA assay for prothrombin fragment 1 and 2 determination. The reagent is utilized for the diagnosis of hyper- and hypocoagulable states on BEP Systems.	10445978	OPBD03	Kit								ELISA/BEP Systems
	Complement Reagents	The Complement Reagent Kit is a functional-activity assay for the determination of total complement. It is useful in the diagnosis of hereditary and acquired defects of the complement system and for monitoring response to treatment.	10446686	OWZD11	Kit	•							
	Berichrom C1-Inhibitor Kit	The Berichrom C1-Inhibitor Kit, a human C1 esterase-based assay, determines the presence of C1 inhibitors in patient samples. The reagent offers a fast turnaround time-to-result of <10 minutes and detects hereditary or acquired deficiencies of the C1 inhibitor (e.g., in angioneurotic edema). This chromogenic activity reagent is used for the diagnosis of angioneurotic edema and for monitoring substitution or steroid therapy in angioneurotic edema.	10446446	OUIA15	Kit	•		•			•	•	
	INNOVANCE ETP Kit	The INNOVANCE ETP Kit is a global hemostasis-function test system to assess endogenous thrombin potential (ETP). Several parameters are commonly used to describe ETP, from which the area under the curve (AUC) and peak height (Cmax) have been shown to be of diagnostic relevance: • Increased AUC has been demonstrated to correlate with an increased risk for recurrent venous thrombosis after discontinuation of anticoagulation. • Increased AUC and Cmax have been observed due to prothrombin mutation G20210A. • AUC and Cmax are known to be decreased under anticoagulant treatment with vitamin K antagonists. • Reduction of AUC and Cmax have been demonstrated during treatment with argatroban (direct thrombin inhibitor).	10446023	OPGA03	Kit	•							

	Reagent Name	Reagent Description	SMN No.	Catalog No.	Package Size	Instrument Availability
Platelets	INNOVANCE PFA P2Y Cartridges	INNOVANCE PFA P2Y is used for the detection of P2Y12 receptor blockade in patients undergoing therapy with a P2Y12 receptor blockade antagonist.	10445700	B4170-22	1 x 20 Cartridges	PFA-100® System, INNOVANCE PFA-200 System
	Dade PFA Collagen/EPI Test Cartridges	The Dade PFA Collagen/EPI Test Cartridge is used for the detection of platelet dysfunction; screening for intrinsic platelet defects, von Willebrand disease, or exposure to platelet inhibiting agents; presurgical screening for bleeding risk; and monitoring of aspirin effect and DDAVP. It is sensitive to all types of von Willebrand disease (except 2N), hereditary platelet defects, low platelet count (<150,000/µL), and to aspirin and anti-GP IIb/IIIa antagonists.	10445696	B4170-20	1 x 20 Cartridges	PFA-100 System, INNOVANCE PFA-200 System
	Dade PFA Collagen/ADP Test Cartridges	The Dade PFA Collagen/ADP Test Cartridges are utilized for the differentiation of aspirin effect on platelets versus other platelet dysfunctions. It is insensitive to aspirin, yet sensitive to VWD, low platelet counts, and other platelet dysfunctions.	10445698	B4170-21	1 x 20 Cartridges	PFA-100 System, INNOVANCE PFA-200 System
	Dade PFA Trigger Solution	Dade PFA Trigger Solution is an isotonic buffer solution used for triggering the membrane for cartridges for the PFA Systems.	10445701	B4170-50	3 x 11 mL	PFA-100 System, INNOVANCE PFA-200 System
	Dade Cluster Platelet Aggregation Reagents	Dade Cluster Platelet Aggregation Reagents—consisting of collagen, ADP, and epinephrine—are utilized in platelet aggregation studies for screening of inherited and acquired platelet dysfunction.	10445725	B4236-1	Kit	manual test

To learn more about the clinical indications of our featured coagulation-specific diagnostic applications, visit the Hemostasis Online Campus. siemens.com/hemostasis-online-campus.