

Hemostasis Reagents Portfolio

Comprehensive reagent options
to power up your lab.

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SIEMENS
Healthineers



Hemostasis Reagents Portfolio

For more than 30 years, Siemens Healthineers has been recognized as the global leader in hemostasis testing. Our comprehensive portfolio of instruments and reagent offerings enables custom-fit solutions for laboratories of all sizes. Our assays offer a broad selection of testing solutions to support physicians in making sound diagnostic and therapeutic decisions. The hemostasis assay portfolio ranges from standard PT and APTT testing to innovative assays such as INNOVANCE D-Dimer, INNOVANCE Antithrombin, and INNOVANCE VWF Ac. No matter how routine or specialized your testing, we have solutions that ensure quality testing, help to standardize results, and meet the needs of your laboratory.

| | Reagent Name | Reagent Description | Preparation | SMN Number | Package Size |
|------|----------------|--|-------------|----------------------------------|---------------------------------------|
| PT | Dade Innovin | Dade Innovin Reagent is prepared from purified recombinant human tissue factor produced in E. coli combined with synthetic phospholipids, calcium, buffers, and stabilizers. The reagent contains minimal residual clotting factors, such as prothrombin and factors VII or X, for clear definition of factor deficiencies and steep factor assay curves. It is highly sensitive to extrinsic factor deficiencies and oral anticoagulant-treated patient plasma samples. The sensitivity of the Dade Innovin Reagent is very similar to the WHO human brain reference thromboplastin. It is insensitive to therapeutic levels of heparin, which, in combination with its high sensitivity to coagulation factors, makes Dade Innovin ideal for monitoring oral anticoagulant therapy and differentiating abnormal plasmas, even in the mildly pathological range. | ✓ | 10873566 10873567 10873568 | 10 x 4 mL 10 x 10 mL 12 x 20 mL |
| | Thromborel S | Thromborel S Reagent is prepared from human placental tissue factor combined with calcium chloride and stabilizers. The reagent provides a rapid and sensitive screening test for coagulation disorders within the extrinsic coagulation system (factors II, V, VII, and X). 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 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. | | 10873565 | 10 x 10 mL |
| APTT | Dade Actin | Dade Actin 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 Reagent has moderate sensitivity to heparin and lupus anticoagulants. | 👉 ✓ | 10445709 10445711 | 10 x 2 mL 10 x 10 mL |
| | Dade Actin FS | Dade Actin FS Reagent is a highly sensitive reagent for the detection of factor deficiencies (VIII, IX, XI, XII) of the intrinsic system. With low sensitivity to lupus anticoagulants and high sensitivity to heparin, it fulfills all requirements of routine coagulation testing. | 👉 ✓ | 10445712 10445710 | 10 x 2 mL 10 x 10 mL |
| | Dade Actin FSL | Dade Actin FSL Reagent exhibits an increased sensitivity to lupus anticoagulants and high heparin sensitivity. The reagent shows good factor sensitivity to detect clinically significant deficiencies of the intrinsic system. | 👉 ✓ | 10445713 10445714 | 10 x 2 mL 10 x 10 mL |
| | Pathromtin SL | Pathromtin SL Reagent enables rapid screening for disorders of the intrinsic coagulation system and sensitively detects factors VIII and IX as well as the contact factors. In conjunction with deficient plasmas, it enables the individual factors of the intrinsic system to be quantified and permits diagnosis of hemophilia. It also can be used for monitoring therapy with unfractionated heparin. | 👉 | 10446066 | 10 x 5 mL |

Preparation: 👉 Liquid, ready to use ✓ No wait time required.



| | | Instrument Availability | | | | | | | |
|--------------|----------------|-------------------------|-----------------------|-----------------------|------------------------------------|------------------------------------|-----------------------|----------|--|
| | | Sysmex® Systems | | | | | | | |
| Reagent Name | | BCS® XP | CA-620 | CA-660 | CS-2500 | CS-5100 | BFT™ II | PFA-100® | |
| PT | Dade Innovin | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| | Thromborel S | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| APTT | Dade Actin | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> ¹ | <input type="radio"/> ¹ | <input type="radio"/> | | |
| | Dade Actin FS | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| | Dade Actin FSL | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| | Pathromtin SL | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | | <input type="radio"/> | | |



| | Reagent Name | Reagent Description | Preparation* | SMN Number | Package Size |
|-------------------------------|-------------------------------|--|--------------|----------------------|------------------------|
| Fibrinogen | Multifibren U | 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. | | 10446689 10446691 | 10 x 2 mL 10 x 5 mL |
| | Dade Thrombin | 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 | 10 x 1 mL 10 x 5 mL |
| | Dade Fibrinogen Determination | 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. | ✓ | 10873571 | Kit 50 tests |
| Thrombin Time/Batroxobin Time | BC Thrombin | BC Thrombin Reagent is used for the determination of the thrombin time in human citrated plasma. 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 differentiating between heparin-induced prolongation of the thrombin time and disorders of fibrinogen formation. Thrombin time is found to be prolonged due not only to disorders in fibrin polymerization but also to the presence of heparin and direct thrombin inhibitors. Differentiation can be achieved using Batroxobin Reagent. | ✓ | 10446636 | 10 x 5 mL |
| | Test Thrombin | 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 differentiating 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 | 10 x 5 mL |
| | Batroxobin | Batroxobin, a snake venom-based reagent intended for the determination of the reptilase time, is ideal for monitoring fibrinolytic therapy by determination of fibrinogen/fibrin degradation products, diagnosis of fibrinogenemia and dysfibrinogenemia, and elucidation of prolonged thrombin times in cases of suspected presence of heparin. | | 10446463 | 2 x 5 mL |





| | | Instrument Availability | | | | | | |
|-------------------------------|-------------------------------|-------------------------|--------|--------|---------|---------|--------|---------|
| | | Sysmex Systems | | | | | | |
| Reagent Name | | BCS XP | CA-620 | CA-660 | CS-2500 | CS-5100 | BFT II | PFA-100 |
| Fibrinogen | Multifibren U | ● | ● | ● | | | ● | |
| | Dade Thrombin | | ● | ● | ● | ● | | |
| | Dade Fibrinogen Determination | | ● | ● | ● | ● | | |
| Thrombin Time/Batroxobin Time | BC Thrombin | ● | | | | | | |
| | Test Thrombin | | ● | ● | ● | ● | | |
| | Batroxobin | ● | ● | ● | ● | ● | | |





| | Reagent Name | Reagent Description | Preparation* | SMN Number | Package Size |
|----------------|------------------------------|---|--------------|--------------------------|--------------------------|
| Single Factors | Factor II Deficient Plasma | 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 immunoadsorption and contains a residual factor concentration of <1% prothrombin and normal levels of fibrinogen and other clotting factors. Factor II Deficient Plasma was designed to be used in combination with Dade Innovin or Thromborel S reagents. | | 10446330 | 3 x 1 mL |
| | Factor V Deficient Plasma | 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 immunoadsorption and contains a residual factor concentration of <1% factor V and normal levels of fibrinogen and other clotting factors. Factor V Deficient Plasma was designed to be used in combination with Dade Innovin or Thromborel S reagents. | | 10446271 | 8 x 1 mL |
| | Factor VII Deficient Plasma | 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 immunoadsorption and contains a residual factor concentration of <1% factor VII and normal levels of fibrinogen and other clotting factors. Factor VII Deficient Plasma was designed to be used in combination with Dade Innovin or Thromborel S reagents. | | 10446407 | 3 x 1 mL |
| | Factor VIII Deficient Plasma | Factor VIII Deficient Plasma is a human plasma-based reagent for the detection of hereditary or acquired deficiencies of factor VIII. It is manufactured by immunoadsorption and contains a residual factor concentration of <1% factor VIII and normal levels of fibrinogen and other clotting factors. 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 | 8 x 1 mL |
| | Factor IX Deficient Plasma | Factor IX Deficient Plasma is a human plasma-based reagent for the detection of hereditary or acquired deficiencies of factor IX. It is manufactured by immunoadsorption and contains a residual factor concentration of <1% factor IX and normal levels of fibrinogen and other clotting factors. 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 | 8 x 1 mL |
| | Factor X Deficient Plasma | 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 immunoadsorption and contains a residual factor concentration of <1% factor X and normal levels of fibrinogen and other clotting factors. Factor X Deficient Plasma was designed to be used in combination with Dade Innovin or Thromborel S reagents. | | 10446415 | 3 x 1 mL |
| | Factor XI Deficient Plasma | 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 and was designed to be used in combination with Dade Actin, Dade Actin FS, Dade Actin FSL, or Pathromtin SL reagents. | | 10446316 | 3 x 1 mL |
| | Factor XII Deficient Plasma | 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 and was designed to be used in combination with Dade Actin, Dade Actin FS, Dade Actin FSL, or Pathromtin SL reagents. | | 10446318 | 3 x 1 mL |
| | Berichrom FXIII chromogenic* | Chromogenic assay for the determination of Factor XIII activity in plasma samples. May also be used for the monitoring of substitution therapy with Factor XIII concentrate. | | contact customer service | contact customer service |
| | Factor VIII Chromogenic | Factor VIII Chromogenic Reagent is used for the determination of factor VIII concentration in plasma preparations and the detection of hereditary or acquired factor VIII deficiencies. The chromogenic method is recommended for therapeutic factor VIII preparations and is insensitive to heparin at levels of <10 U/mL. | | 10445729 | Kit |



| | | Instrument Availability | | | | | | |
|----------------|------------------------------|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------|--|
| | | Sysmex Systems | | | | | | |
| Reagent Name | BCS XP | CA-620 | CA-660 | CS-2500 | CS-5100 | BFT II | PFA-100 | |
| Single Factors | Factor II Deficient Plasma | <input type="radio"/> | | | <input type="radio"/> | <input type="radio"/> | | |
| | Factor V Deficient Plasma | <input type="radio"/> | | | <input type="radio"/> | <input type="radio"/> | | |
| | Factor VII Deficient Plasma | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| | Factor VIII Deficient Plasma | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| | Factor IX Deficient Plasma | <input type="radio"/> | | | <input type="radio"/> | <input type="radio"/> | | |
| | Factor X Deficient Plasma | <input type="radio"/> | | | <input type="radio"/> | <input type="radio"/> | | |
| | Factor XI Deficient Plasma | <input type="radio"/> | | | <input type="radio"/> | <input type="radio"/> | | |
| | Factor XII Deficient Plasma | <input type="radio"/> | | | <input type="radio"/> | <input type="radio"/> | | |
| | Berichrom FXIII chromogenic* | <input type="radio"/> | | | <input type="radio"/> | <input type="radio"/> | | |
| | Factor VIII Chromogenic | <input type="radio"/> | | | <input type="radio"/> | <input type="radio"/> | | |



| | Reagent Name | Reagent Description | Preparation* | SMN Number | Package Size |
|-----------------------|--------------------------------|---|---|----------------------------------|---|
| von Willebrand Factor | BC von Willebrand | The BC von Willebrand Reagent provides a simple, rapid, and automated procedure for the determination of the ristocetin cofactor activity of von Willebrand factor. Stabilized platelets are agglutinated in the presence of von Willebrand factor and the antibiotic ristocetin A. | | 10714565 | Kit |
| | INNOVANCE VWF Ac | 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 that allows the assay to mimic the way in which VWF binds to glycoprotein 1b, (GP1b), the major VWF receptor protein on platelets. Latex particles are coated with an antibody against GP1, to which recombinant GP1b 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 | Kit |
| Thrombophilia | VWF Ag | The VWF Ag Kit is an automated, immunoturbidimetric assay for the quantitative, WHO-standardized determination of von Willebrand factor (VWF) antigen concentration. The assay is used as an aid in the evaluation of patients with suspected or confirmed von Willebrand factor disorders and intended for prescription use. Small polystyrene particles to which specific antibodies have been attached by covalent bonding are aggregated when mixed with samples containing von Willebrand antigen. This aggregation is then detected turbidimetrically via the increase in turbidity, which is proportional to the antigen level present in the test sample. | | 10445967 | Kit |
| | LA 1 Screening | 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. |  | 10461887 | 10 x 2 mL |
| | LA 2 Confirmation | A phospholipid-rich DRVVT reagent, the LA 2 Confirmation Reagent is used for the specific correction of lupus anticoagulants. The LA 2 Confirmation Reagent was designed to be used in conjunction with the LA 1 Screening Reagent. |  | 10458687 | 10 x 1 mL |
| | Factor V Leiden | The Factor V Leiden assay is a simple functional clotting test system intended for screening of resistance to activated protein C (APC) in plasma from individuals with the factor V Leiden defect. Our Factor V Leiden assay is based on the activation of endogenous protein C by incubation of plasma with Agkistrodon contortrix contortrix (southern copperhead) venom. A dilute Russell's viper venom time (DRVVT) test is then performed on the plasma. | | 10459420 | Kit |
| | Protein C | Protein C is a coagulation test used for the quantitative determination of protein C activity in human plasma. The reagent is suitable for the detection of hereditary or acquired protein C deficiencies. | | 10446185 | Kit |
| | Berichrom Protein C | Berichrom Protein C, a chromogenic functional activity assay, is used for the detection of hereditary or acquired protein C deficiencies in conjunction with other methods (antigenic determination, protein C clotting method) for the differential diagnosis of different protein C deficiency states. The assay is also used for the monitoring of substitution therapy with protein C concentrates in congenital protein C deficiency. The Berichrom Protein C assay is less susceptible to interfering substances than a clotting assay. |  | 10446499 10446500 | Kit Kit |
| | Protein S Ac | Protein S Ac, a coagulometric activity reagent, is used for the detection of hereditary or acquired protein S deficiencies. | | 10445968 | Kit |
| | INNOVANCE Free PS Ag | Free Protein S Antigen, a highly specific and stable assay for the quantitation of free Protein S antigen in human plasma. |   | 10873458 | 152 tests/kit |
| | INNOVANCE Antithrombin | The INNOVANCE Antithrombin assay is an automated, ready-to-use, chromogenic assay that exhibits excellent precision and reliability. This quantitative assay for the determination of functional antithrombin utilizes human anti-Xa substrate and avoids interference with heparin cofactor II and direct thrombin inhibitors, such as hirudin. |   | 10487304 10709521 10487303 | 100 tests/kit 130 tests/kit 450 tests/kit |
| | Berichrom Antithrombin III (A) | Berichrom Antithrombin III (A) is a chromogenic activity assay for the detection of hereditary or acquired antithrombin deficiency, thrombophilia, and the monitoring of patients undergoing substitution therapy. The heparin cofactor-independent lyophilized reagent uses bovine thrombin substrate and exhibits no interference with anti-FXa anticoagulants, e.g., rivaroxaban. | | 10446673 10446672 | 150 tests/kit 500 tests/kit |
| Heparin | Berichrom Heparin | Berichrom Heparin, a chromogenic factor-Xa-based activity reagent, is used for the monitoring of heparin therapy and the determination of unfractionated (UF) and low-molecular-weight (LMW) heparin in patient samples. The reagent is not influenced by platelet factor IV complexing of heparin and offers a low detection limit of 0.05 IU/mL in UF heparin. |   | 10446620 | Kit |
| | INNOVANCE Heparin Assay | Our INNOVANCE Heparin Assay quantitatively determines the activity of unfractionated (UF) and low-molecular-weight (LMW) heparin in citrated plasma. Liquid reagents and a single hybrid calibration curve for UF and LMW heparin help deliver precise results in fewer steps. | | 10873535 | 180 tests/kit |
| | Anti Xa Assay* | Anti-Xa RUO assay is automated chromogenic assay for the quantitative determination of rivaroxaban activity in citrated plasma. |   | contact customer service | contact customer service |
| | Rivaroxaban Standards* | Rivaroxaban Standard set RUO is specific standard set for use with anti-Xa RUO assay | | contact customer service | contact customer service |
| | Rivaroxaban Controls* | Rivaroxaban specific control set for use with anti Xa RUO assay | | contact customer service | contact customer service |



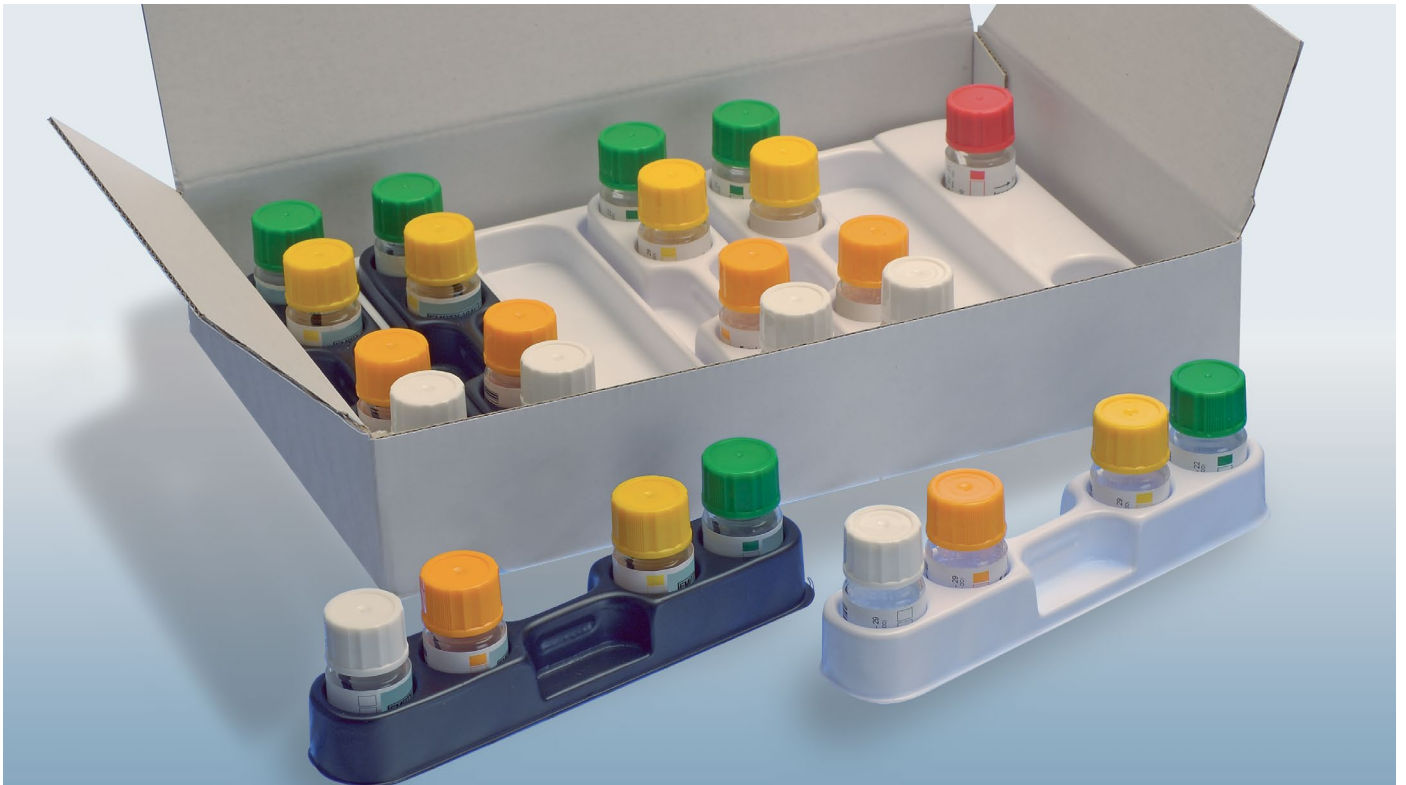
| | | Instrument Availability | | | | | | | |
|-------------------------|--------------------------------|-------------------------|--------|--------|---------|---------|--------|---------|--|
| | | Sysmex Systems | | | | | | | |
| Reagent Name | | BCS XP | CA-620 | CA-660 | CS-2500 | CS-5100 | BFT II | PFA-100 | |
| von Willebrand Factor | BC von Willebrand | ○ | | | | | | | |
| | INNOVANCE VWF Ac | ○ | | | ○ | ○ | | | |
| Thrombophilia | VWF Ag | | | | ○ | ○ | | | |
| | LA 1 Screening | ○ | | | ○ | ○ | | | |
| | LA 2 Confirmation | ○ | | | ○ | ○ | | | |
| | Factor V Leiden | ○ | | | ○ | ○ | | | |
| | Protein C | ○ | ○ | ○ | ○ | ○ | | | |
| | Berichrom Protein C | ○ | | | ○ | ○ | | | |
| | Protein S Ac | ○ | | | | | | | |
| | INNOVANCE Free PS Ag | ○ | | | ○ | ○ | | | |
| | INNOVANCE Antithrombin | ○ | | ○ | ○ | ○ | | | |
| | Berichrom Antithrombin III (A) | ○ | | ○ | | | | | |
| | Heparin | Berichrom Heparin | ○ | | ○ | | | | |
| INNOVANCE Heparin Assay | | ○ | | ○ | ○ | ○ | | | |
| Anti Xa Assay* | | ○ | | | ○ | ○ | | | |
| Rivaroxaban Standards* | | ○ | | | ○ | ○ | | | |
| Rivaroxaban Controls* | | ○ | | | ○ | ○ | | | |

| | Reagent Name | Reagent Description | Preparation* | SMN Number | Package Size |
|---------------------------|----------------------------------|--|--------------|----------------------|------------------------------|
| Fibrinolysis | Berichrom α 2-Antiplasmin | Berichrom α 2-Antiplasmin Reagent is used for the determination of α 2-antiplasmin and the detection of hereditary or acquired α 2-antiplasmin deficiencies. The chromogenic activity assay is also applicable for the monitoring of substitution therapy. | | 10446427 | Kit |
| | Berichrom Plasminogen | Berichrom Plasminogen, a chromogenic activity assay, is used for the determination of plasminogen, detection of hereditary or acquired plasminogen deficiencies, and the monitoring of fibrinolytic therapy. | ✓ | 10446431 | Kit |
| D-Dimer | INNOVANCE D-Dimer | Combining an excellent clinical sensitivity of >98.9% with a high negative predictive value (NPV) of 99%, the INNOVANCE D-Dimer assay's FDA-cleared exclusion claim gives clinicians greater confidence that translates into better patient management. The fully automated INNOVANCE D-Dimer assay offers consistent performance on Siemens Healthineers and Sysmex coagulation instrument platforms for equivalent D-dimer test results. Speed and performance make INNOVANCE D-Dimer a robust, cost-effective assay for both routine and emergency use. | | 10445981 10445982 | 150-test kit 300-test kit |
| | Dimertest Latex Assay | A rapid agglutination assay using latex particles coated with a specific D-dimer monoclonal antibody, Dimertest is intended for the qualitative or semiquantitative evaluation of cross-linked fibrin degradation products containing D-dimers. | ✓ | 10445722 10445723 | Kit 1 x 2 mL beads |
| Supplementary | Calcium Chloride | Calcium chloride solution is used as supplementary reagent for various coagulation tests. | ✓ | 10446232 | 10 x 15 mL |
| | Dade Hepzyme | Hepzyme reagent is used as a heparin neutralizer in plasma to rule out heparin contamination in coagulation testing. | | 10445730 | 10 x 1 mL |
| | Owren's Veronal Buffer | Owren's Veronal Buffer is a dilution buffer for coagulation testing. | ✓ | 10445724 | 10 x 15 mL |
| | INNOVANCE D-Dimer Diluent | The INNOVANCE D-Dimer Diluent is used for dilution of elevated D-dimer concentrations with the INNOVANCE D-Dimer assay. | ✓ | 10487039 | 10 x 5 mL |
| | Imidazole Buffer | Imidazole buffer solution is used as supplementary reagent for various coagulation assays on the BFT II System. | ✓ | 10446032 | 6 x 15 mL |
| | Kaolin Suspension for (BFT II) | Kaolin suspension is used as a supplementary reagent for various assays on the BFT II System. | ✓ | 10446033 | 1 x 50 mL |
| Platelets | PFA-100 Collagen/EPI Cartridges | The Dade PFA Collagen/EPI (Col/EPI) test cartridge is the primary cartridge used to detect platelet dysfunction induced by intrinsic platelet defects, VWD, or exposure to platelet-inhibiting agents. | | 10445697 | 1 x 20 cartridges |
| | PFA-100 Collagen/ADP Cartridges | The Dade PFA Collagen/ADP (Col/ADP) test cartridge is used to indicate if an abnormal result obtained with the Col/EPI test cartridge may have been caused by the effect of ASA or medications containing ASA. | | 10445699 | 1 x 20 cartridges |
| | PFA-100 Trigger Solution | Isotonic buffer solution is used for triggering the membrane in cartridges for the PFA-100 System. | ✓ | 10445701 | 3 x 1 mL |
| | Cluster Reagents | Cluster reagents consisting of collagen, ADP, and epinephrine are used in platelet aggregation studies for screening of inherited and acquired platelet dysfunction. | | 10445725 | Kit |
| Standards and Calibrators | Standard Human Plasma | Standard human plasma is citrated human normal pool plasma intended for the calibration of coagulation and fibrinolysis assays. Standard human plasma is calibrated against the respective WHO Standard, where available. | | 10487098 | 10 x 1 mL |
| | Fibrinogen Calibrator Kit | The Fibrinogen Calibrator Kit comprises a set of six plasmas. Fibrinogen Calibrators 1 to 6 are used to prepare reference curves for the fibrinogen assay by the Clauss method using the our Multifibren U Reagent. (Fibrinogen levels 1–6 have a range of approximately 0.6–9.0 g/L.) | | 10446148 | 6 x 1mL |
| | INNOVANCE Heparin Calibrator | The INNOVANCE Heparin Calibrator consists of 5 levels. The calibrator levels are used to establish a reference curve which then can be used to quantify the heparin activity of UFH and LMWH containing plasmas. | | 10873530 | 5 levels 1 x 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 assay. It is calibrated against the 5th WHO Standard for unfractionated heparin (human pool plasma containing UFH \geq 1.3 IU/mL). | | 10445989 | 6 x 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 assay. It is calibrated against the 2nd WHO Standard for LMWH (human pool plasma containing LMWH \geq 1.5 IU/mL). | | 10445987 | 6 x 1 mL |

| | | Instrument Availability | | | | | | | |
|---------------------------|----------------------------------|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| | | | Sysmex Systems | | | | | | |
| Reagent Name | | BCS XP | CA-620 | CA-660 | CS-2500 | CS-5100 | BFT II | PFA-100 | |
| Fibrinolysis | Berichrom α2-Antiplasmin | <input type="radio"/> | | | <input type="radio"/> | <input type="radio"/> | | | |
| | Berichrom Plasminogen | <input type="radio"/> | | | <input type="radio"/> | <input type="radio"/> | | | |
| D-Dimer | INNOVANCE D-Dimer | <input type="radio"/> | | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | | |
| | Dimertest Latex Assay | Manual | | | | | | | |
| Supplementary | Calcium Chloride | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| | Hepzyme | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| | Owren's Veronal Buffer | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| | INNOVANCE D-Dimer Diluent | <input type="radio"/> | | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | | |
| | Imidazole Buffer | | | | | | <input type="radio"/> | | |
| | Kaolin Suspension for (BFT II) | | | | | | <input type="radio"/> | | |
| Platelets | PFA-100 Collagen/ EPI Cartridges | | | | | | | <input type="radio"/> | |
| | PFA-100 Collagen/ ADP Cartridges | | | | | | | <input type="radio"/> | |
| | PFA-100 Trigger Solution | | | | | | | <input type="radio"/> | |
| | Cluster Reagents | Manual | | | | | | | |
| Standards and Calibrators | Standard Human Plasma | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | | |
| | Fibrinogen Calibrator Kit | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | | <input type="radio"/> | | |
| | INNOVANCE Heparin Calibrator | <input type="radio"/> | | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | | |
| | Berichrom Heparin UF Calibrator | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | | | | |
| | Berichrom Heparin LMW Calibrator | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | | | | |



| Reagent Name | Reagent Description | Preparation* | SMN Number | Package Size |
|--|---|--------------|----------------------------------|-------------------------------------|
| Control Plasma N | Control Plasma N is citrated normal human pooled plasma from selected healthy blood donors. Control Plasma N is an assayed control used to monitor the performance of various analytes in the normal range. | | 10446235 | 10 x 1mL |
| Control Plasma P | Control Plasma P is citrated human plasma from selected healthy blood donors. Control Plasma P is an assayed control intended to monitor the performance of various analytes in the pathological range. | | 10446472 | 10 x 1 mL |
| Dade Ci-Trol Levels 1, 2, and 3 | Dade Ci-Trol Levels 1, 2, and 3 are composed of citrated human plasma pool from selected healthy blood donors. They are intended for use as a control in the normal, mid, and upper therapeutic range. | | 10445731 10445732 10445733 | 20 x 1 mL 20 x 1 mL 20 x 1 mL |
| Dade Data-Fi Abnormal Fibrinogen Control | 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 | 10 x 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. | | 10873569 | 6 x 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. | | 10873570 | 6 x 1 mL |
| ProC Control | ProC Control Plasma is an assayed control used to monitor the performance of the Factor V Leiden assay in the pathological range. | | 10446097 | 6 x 1 mL |
| Ci-Trol Heparin Control Low | Ci-Trol Heparin Control Low is a low-level control used to monitor the performance of heparin therapy using the activated partial thromboplastin time (APTT). | | 10445715 | 10 x 1 mL |
| Ci-Trol Heparin Control High | Ci-Trol Heparin Control High is a high-level control used to monitor the performance of heparin therapy using the activated partial thromboplastin time (APTT). | | 10445716 | 10 x 1 mL |





| | | Instrument Availability | | | | | |
|--------------|--|-------------------------|--------|---------|---------|--------|---------|
| | | Sysmex Systems | | | | | |
| Reagent Name | BCS XP | CA-620 | CA-660 | CS-2500 | CS-5100 | BFT II | PFA-100 |
| Controls | Control Plasma N | ○ | ○ | ○ | ○ | ○ | |
| | Control Plasma P | ○ | ○ | ○ | ○ | ○ | |
| | Dade Ci-Trol Levels 1, 2, and 3 | ○ | ○ | ○ | ○ | ○ | |
| | Dade Data-Fi Abnormal Fibrinogen Control | ○ | ○ | ○ | ○ | ○ | |
| | LA Control Low | ○ | | | ○ | ○ | |
| | LA Control High | ○ | | | ○ | ○ | |
| | ProC Control | ○ | | | ○ | ○ | |
| | Ci-Trol Heparin Control Low | ○ | | ○ | ○ | ○ | |
| | Ci-Trol Heparin Control High | ○ | | ○ | ○ | ○ | |





| | Reagent Name | Reagent Description | Preparation* | SMN Number | Package Size |
|----------|---------------------------------|--|--------------|------------|--------------------------------|
| Controls | INNOVANCE D-Dimer Controls | INNOVANCE D-Dimer Control 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 on our and Sysmex systems. | | 10446006 | L1 (5 x 1 mL) L2 (5 x 1 mL) |
| | Berichrom Heparin UF Control 1 | Berichrom Heparin UF Control 1 is a low-level assayed control used to monitor the performance of unfractionated heparin with the Berichrom Heparin assay. | | 10445985 | 6 x 1 mL |
| | Berichrom Heparin UF Control 2 | Berichrom Heparin UF Control 2 is a high-level assayed control used to monitor the performance of unfractionated heparin with the Berichrom Heparin assay. | | 10445986 | 6 x 1 mL |
| | Berichrom Heparin LMW Control 1 | Berichrom Heparin LMW Control 1 is a low-level assayed control used to monitor the performance of low-molecular-weight heparin with the Berichrom Heparin assay. | | 10445990 | 6 x 1 mL |
| | Berichrom Heparin LMW Control 2 | Berichrom Heparin LMW Control 2 is a high-level assayed control used to monitor the performance of low-molecular-weight heparin with the Berichrom Heparin assay. | | 10445988 | 6 x 1 mL |
| | INNOVANCE Heparin UF Control 1 | INNOVANCE Heparin UF Control 1 is a low-level assayed control used to monitor the performance of unfractionated heparin with the INNOVANCE Heparin assay. | | 10873531 | 5 x 1 ml |
| | INNOVANCE Heparin UF Control 2 | INNOVANCE Heparin UF Control 2 is a high-level assayed control used to monitor the performance of unfractionated heparin with the INNOVANCE Heparin assay. | | 10873532 | 5 x 1 ml |
| | INNOVANCE Heparin LMW Control 1 | INNOVANCE Heparin LMW Control 1 is a low-level assayed control used to monitor the performance of low molecular weight heparin with the INNOVANCE Heparin assay. | | 10873534 | 5 x 1 ml |
| | INNOVANCE Heparin LMW Control 2 | INNOVANCE Heparin LMW Control 2 is a high-level assayed control used to monitor the performance of low molecular weight heparin with the INNOVANCE Heparin assay. | | 10873533 | 5 x 1 ml |
| Other | Enzygnost TAT micro | Enzygnost TAT micro is an enzyme immunoassay for the determination of human thrombin/antithrombin III complex in plasma as an aid in the diagnosis and monitoring of thrombosis and related conditions. | | 10446632 | Kit |
| | Enzygnost F1+2 (monoclonal) | Enzygnost F1+2 (monoclonal) is an enzyme immunoassay for the quantitative determination of the human prothrombin fragment F1+2 in plasma. Measurement of F1+2 is used as an aid in the diagnosis, monitoring, and evaluating of acquired or hereditary blood coagulation disorders. It is indicated as an aid in assessing risk of thrombosis and in monitoring efficacy of anticoagulant therapy. | | 10445978 | Kit |





| | | Instrument Availability | | | | | | |
|--------------|---------------------------------|-------------------------|--------|--------|---------|---------|--------|---------|
| | | Sysmex Systems | | | | | | |
| Reagent Name | | BCS XP | CA-620 | CA-660 | CS-2500 | CS-5100 | BFT II | PFA-100 |
| Controls | INNOVANCE D- Dimer Controls | ○ | | ○ | ○ | ○ | | |
| | Berichrom Heparin UF Control 1 | ○ | | ○ | | | | |
| | Berichrom Heparin UF Control 2 | ○ | | ○ | | | | |
| | Berichrom Heparin LMW Control 1 | ○ | | ○ | | | | |
| | Berichrom Heparin LMW Control 2 | ○ | | ○ | | | | |
| | INNOVANCE Heparin UF Control 1 | ○ | | ○ | ○ | ○ | | |
| | INNOVANCE Heparin UF Control 2 | ○ | | ○ | ○ | ○ | | |
| | INNOVANCE Heparin LMW Control 1 | ○ | | ○ | ○ | ○ | | |
| | INNOVANCE Heparin LMW Control 2 | ○ | | ○ | ○ | ○ | | |
| Other | Enzygnost TAT micro | ELISA | | | | | | |
| | Enzygnost F1+2 (monoclonal) | | | | | | | |





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References

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