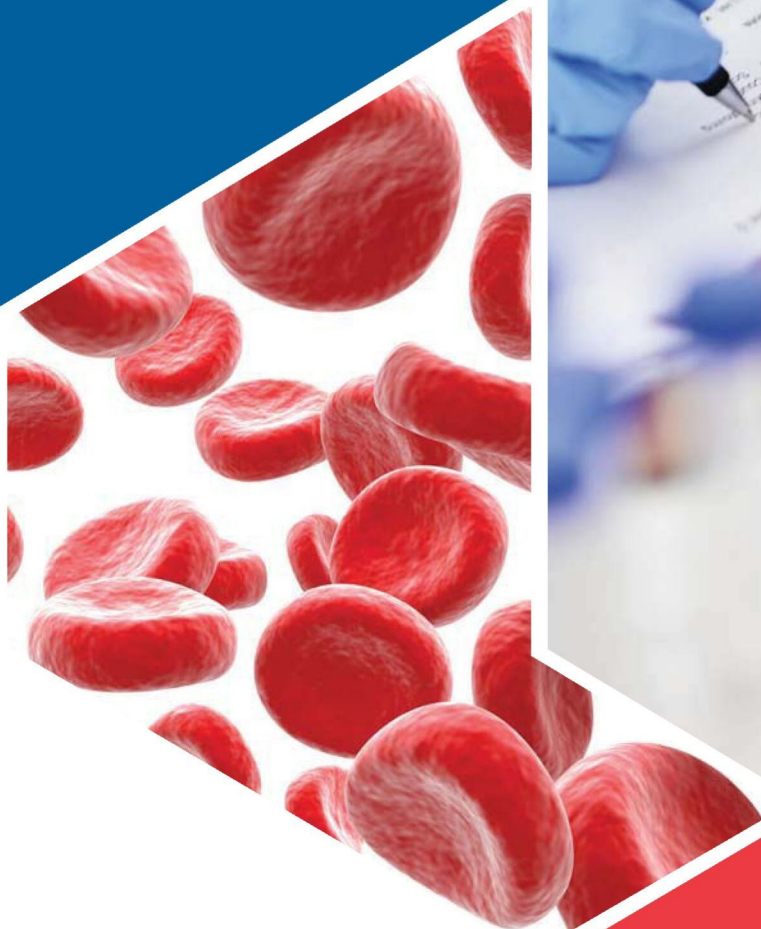


biotechne®

Hematology Products

Controls - Calibrators - Linearity Material -
Urinary Cytology - CBC-Monitor



EUROCELL Diagnostics has joined Bio-Techne on February 2018.

EUROCELL has been a valued partner of Bio-Techne since 2004, selling R&D Systems hematology products in Europe, Africa and the Middle East (EMEA).

Bio-techne SAS is located close to Rennes in FRANCE; its mission is to sale Diagnostics Division products by offering to our customers its whole catalog in the fields of hematology, chemistry, immunology and measurement of blood gases.

Our expert team provide its know-how to ours customers who are the laboratories of medical biology, the blood banks, organization of proficiency testing and the distributors by proposing them R&D Systems, Bionostics and Cliniqa's products.

Our priority being customer satisfaction by proposing custom-made offers, with customized services as personalized technical support, program of comparisons inter-laboratories CBC-Monitor and the program of External Evaluation of the Quality.

In response to the European standard implementation, that compels the laboratory to even more rigorous management in the control of their quality, Bio-techne SAS acts in complete independance towards the instrument manufacturers and therefore fully complies with the European directives. comply with the European directives.

PRODUCTS FOR :

| | |
|---|--------------------|
| ABBOTT | 3 |
| HORIBA ABX | 4 |
| COULTER | 5 |
| SIEMENS..... | 6 |
| SYSMEX | 7 |
| MINDRAY | 8 |
| DYMIND | 9 |
| URIT | 10 |
| URINARY CYTOLOGY..... | 11 |
| MANUALS METHODS | 12 & 13 |
| POINT OF CARE..... | 14 |
| FLOW CYTOMETRY | 15 |
| LINEARITY KITS | 16 |
| CBC-MONITOR..... | 17 |
| (Hematology Quality Control Program) | |

PRODUCTS FOR ABBOTT

CBC-3K

Analyzers: Cell-Dyn Sapphire, CD Ruby, CD3200

CBC-3K is a tri-level control for monitoring the Abbott Cell-Dyn 3200, Sapphire and Ruby hematology analyzers and manual methods. CBC-3K has 75 –day closed vial stability and 8-day open vial stability or 15 pierces maximum. Each new lot is shipped every 2 months. CBC-3K exists in 3.0 ml pierceable screw cap tube.

CBC-3D

Analyzers: CD Emerald

CBC-3D is a tri-level control for monitoring Abbott Cell-Dyn instruments, as well as manual methods. CBC-3D has 105-day closed vial stability with 14-day open vial stability. Each new lot is shipped every 3 months. CBC-3D exists in 2.0 and 3.0 ml.

CBC-ALI

Analyzers: Alinity H-Series

CBC-ALI is a tri-level control designed specifically for Abbott Alinity H-Series. CBC-ALI has 75-day closed vial stability with 14-day opened vial stability. Each new lot is shipped every 2 months. CBC-ALI exists in 3.0ml pierceable screw cap tube.

R&D 3K-Retic

Analyzers: CD3200, CD Ruby

R&D 3K-Retic is a bi-level control designed specifically for the Abbott Cell-Dyn RUBY and Cell-Dyn 3200 hematology analyzers. The target values for the levels are : Level 1 - 1.2% and Level 2 - 5.0%. R&D 3K-Retic has 75-day closed vial stability with 16-day open vial stability. Each new lot is shipped every 2 months. R&D 3K-Retic exists in 3.0 mL pierceable screw cap tube.

R&D 4K-Retic

Analyzers: Cell-Dyn Sapphire, Manual methods

R&D 4K-Retic is a bi-level control designed specifically for the Abbott Cell-Dyn SAPPHIRE hematology analyzer. Assay values are also provided for manual methods. The target values for the levels are : Level 1 - 1.0% and Level 2 - 10%. R&D 4K-Retic has 75-day closed vial stability with 14-day open vial stability. Each new lot is shipped every 2 months.

R&D 4K-Retic exists in 3.0 mL pierceable screw cap tube.

CD-CAL

Analyzers: Cell-Dyn Sapphire, CD3200, CD Ruby

CD-CAL is designed for calibration of Abbott Cell-Dyn 3200, Cell-Dyn Ruby and Cell-Dyn Sapphire hematology analyzers. Values are provided for WBC, RBC, HCT, MCV, PLT, and MPV. CD-CAL has 45-day closed vial stability with 7-day open vial stability. Each new lot is shipped every month. CD-CAL exists in 3.0 mL pierceable screw cap tube.

PRODUCTS FOR HORIBA ABX

CBC-3D

Analyzers: PENTRA 60/60C+, PENTRA 80/80 XL, PENTRA 120 series, NEXUS SERIES, MICROS series

CBC-3D is a tri-level control for monitoring values of hematology instruments using the impedance principle. CBC-3D has 105-day closed vial stability with 14-day open vial stability. Each new lot is shipped every 3 months. CBC-3D exists in 2.0 ml and 3.0 ml pierceable screw cap tubes.

CBC-3D + CRP

Analyzers: Micros CRP Series

CBC-3D + CRP is a tri-level control designed specifically for HORIBA ABX Micros CRP hematology analyzers. The assay table includes values of WBC differential and CRP. CBC-3D + CRP has 105-day closed vial stability with 14-day open vial stability. Each new lot is shipped every 3 months. CBC-3D + CRP exists in 2.5 ml pierceable screw cap Tube.

CBC-SYS FOR PENTRA

Analyzers: PENTRA 60 , PENTRA 80 series, PENTRA 120 series and NEXUS Series

CBC-SYS is a tri-level control for monitoring Horiba ABX WBC 5 Part Diff instruments. CBC-SYS has 75-day closed vial stability with 14-day open vial stability. Each new lot is shipped every 2 months. CBC-SYS exists in 4.5 ml pierceable screw cap tube.

R&D RETIC-I

Analyzers: PENTRA 120, NEXUS DX, PENTRA XLR

R&D Retic-I is a tri-level whole blood reticulocyte control for manual and automated counting methods. The target values for the levels are : Level 1 - 1.0%; Level 2 - 5.0% and Level 3 - 10.0%. R&D Retic-I has 75-day closed vial stability with 14-day open vial stability. Each new lot is shipped every 2 months. R&D Retic-I exists in 1.5 mL screw cap vial and in 3.0 mL pierceable screw cap tube.

CBC-CAL PLUS

Analyzers: Séries Micros, PENTRA 60/60C+/80/80XL, Séries PENTRA 120 et Séries NEXUS

CBC-CAL Plus is designed for the calibration of most models of hematology instruments and a variety of other brand analyzers. Values are provided for WBC, RBC, HGB, HCT, MCV, PLT, and MPV parameters. CBC-CAL Plus has 45-day closed vial stability with 7-day open vial stability. Each new lot is shipped every month. CBC-CAL Plus exist in 3.0 ml pierceable screw cap tube.

PRODUCTS FOR COULTER

CBC-5D

Analyzers: series LH 700, DxH 600, DxH 800 and DxH 900

CBC-5D is a tri-level designed specifically for Beckman Coulter LH 700 Series. The assay table includes values for 22 parameters. CBC-5D is bar-coded 2D for the correct QC file access. Bar codes 2D are available for uploading assay values on the Coulter LH 700 Series, DxH 600, DxH 800 and DxH 900. CBC-5D has 105-day closed vial stability with an open vial stability of 14 samples within 14 days. Each new lot is shipped every 3 months. CBC-5D exists in 4.0 ml pierceable screw cap tube.

R&D Retic-I for DxH

Analyzers: UniCel DxH 600, DxH 800 and DxH 900

R&D Retic-I for DxH is a tri-level whole blood reticulocyte control for counting methods. R&D Retic-I for DxH has 75-day closed vial stability with 14 day open vial stability. Barres codes 2D are available for uploading assay values to the COULTER UniceL DxH 800, DxH 600 and DxH 900. Each new lot is shipped every 2 months. R&D Retic-I for DxH exists in 3.0 ml pierceable screw cap tube.

R&D Retic-I Plus

Analyzers: Series LH 700

R&D Retic-I Plus is a tri-level whole blood reticulocyte control for Series LH 700 analyzers. The target values for the levels are : Level 1 - 1.2%; Level 2 - 7.0% and Level 3 - 12.0%. R&D Retic-I Plus has 75 day closed vial stability with 14-day open vial stability. Each new lot is shipped every 2 months. R&D Retic-I Plus exists in 4.0 mL pierceable screw cap tube.

CBC-CAL PLUS

Analyzers: LH 700 Series, UniCel DxH600, DxH 800 and DxH 900, Act 5DIFF Series

CBC-CAL Plus is designed for the calibration of most models of Beckman Coulter hematology. Values are provided for WBC, RBC, HGB,HCT, MCV, PLT, and MPV parameters. CBC-CAL Plus has 45-day closed vial stability with 7-day open vial stability. Each new lot is shipped every month. CBC-CAL Plus exists in 3.0 ml pierceable screw cap tube.

BODY FLUID-I

Analyzers: UniCel DxH600, DxH 800 and DxH 900, LH 700 Series

Body Fluid-I is a tri-level control. It is an assayed hematology control intended to monitor the reliability of hematology instruments that quantitatively measure red and white blood cell counts in cerebrospinal fluids, serous fluids and synovial fluids. The Body Fluid-I has 75-day closed vial stability with 30-day open vial stability. Each new lot is shipped every 2 months. Body Fluid-I exists in 3.0 ml perceable screw cap tube.

SEDRite A

Analyzers: Alifax JO Plus, Test 1

SEDRite A is a bi-level sedimentation rate control by photometry capillary. This control is designed specifically for Beckman Coulter Alifax JO Plus and Test 1. SEDRite A has 1 month closed vial stability with 10 pierces. Each new lot is shipped every month. SEDRite A exists in 4.0ml pierceable screw cap tube.

PRODUCTS FOR SIEMENS

CBC-3K

Analyzers: ADVIA 560

CBC-3K is a tri-level control for monitoring the Advia 560. CBC-3K has 75-day closed vial stability and 8-day open vial stability or 15 pierces maximum. Each new lot is shipped every 2 months. CBC-3K exists in 3.0 ml pierceable screw cap tube.

CBC-TECH

Analyzers: ADVIA 120, ADVIA 2120, ADVIA 2120i

CBC-TECH is a tri-level control designed specifically for the SIEMENS ADVIA 2120, ADVIA 2120i, ADVIA 120. The ADVIA 2120 and ADVIA 120 have a bar-coded assay table that includes values for 20 parameters. CBC-TECH is bar-coded for correct QC file access. A mini CD is available for uploading assay values to the ADVIA 2120 and ADVIA 120 instruments. CBC-TECH has 75-day closed vial stability with 14-day open vial stability. Each new lot is shipped every 2 months. CBC-TECH exists in 3.0 mL pierceable screw cap tube.

R&D ADVIA RETIC PLUS

Analyzers: ADVIA 120, ADVIA 2120, ADVIA 2120i

R&D ADVIA Retic Plus is a tri-level control for the SIEMENS ADVIA 2120, ADVIA 2120i and ADVIA 120 hematology analyzers. The bar-coded assay table provides values for Retic %, Retic RBC, MCVg, MCVr, CHCMg, CHCMr, CHg, and CHr. The target values for the levels are : Level 1 - 1.5%; Level 2 - 5.0%; and Level 3 - 9.0%. R&D ADVIA Retic Plus is bar-coded for correct QC file access. A CD is also provided for uploaded assay values. R&D ADVIA Retic Plus has 75-day closed vial stability with 14-day open vial stability. Each new lot is shipped every 2 months. R&D ADVIA Retic Plus exists in 3.0 mL pierceable screw cap tube.

CBC-CAL PLUS

Analyzers: ADVIA 360, ADVIA 560

CBC-CAL Plus is designed for the calibration of ADVIA 360 and 560. Values are provided for WBC, RBC, HGB, HCT, MCV, PLT, and MPV parameters. CBC-CAL Plus has 45-day closed vial stability with 7-day open vial stability. Each new lot is shipped every month. CBC-CAL Plus exists in 3.0 ml pierceable screw cap tube.

TECH-CAL

Analyzers: ADVIA 120, ADVIA 2120

TECH-CAL is designed for calibration of SIEMENS ADVIA 2120 and ADVIA 120 hematology analyzers. The ADVIA 2120 and 120 have a bar-coded assay table which includes values for WBCB (WBCP), RBC, HGB, MCV, PLT, Neutx % and Neuty %. TECH-CAL is bar-coded for correct QC file access. TECH-CAL calibrator has 45-day closed vial with 5-day open vial stability. Each new lot is shipped every month. TECH-CAL exists in 3.5 mL pierceable screw cap tube.

PRODUCTS FOR SYSMEX

CBC-XR will be released in 2022 and will replace CBC-XE



CBC-SYS

Analyzers: SYSMEX XS series, XE series, XT series

Analyzers: SYSMEX SF-3000

Includes: Reticulocytes

CBC-XR and CBC-SYS are tri-level controls designed specifically for the SYSMEX series, XS, XT, XE and SF-3000 hematology analyzers. CBC-XR and CBC-SYS are bar-coded for correct QC file access. CBC-XR and CBC-SYS has 75-day closed vial stability with 14 days open vial stability or 14 days pierces. Each new lot is shipped every 2 months. CBC-XR exists in 4.5 ml pierceable screw cap tube. CBC-SYS exists in 4.5 ml pierceable screw cap tube.

CBC-XN

Analyzers: SYSMEX XN series, XN-L Series

Includes: Plt-Fluo + NRBC

CBC-XN is a tri-level control designed specifically for the SYSMEX XN series and XN-L series. This 5 Diff control includes PLT-fluo only + NRBC. CBC-XN is bar-coded for correct QC file access. CBC-XN has 75-day closed vial stability with 14-day opened vial stability. Each new lot is shipped every 2 months. CBC-XN exists in 3.0 ml pierceable screw cap tube.

CBC-ST Plus

Analyzers: K-800, K-1000, K-4500, KCP-1, KX-21, KX-21N, POCH-100i and XP series

CBC-ST Plus is a tri-level control for monitoring SYSMEX instruments. CBC-ST Plus has 105-day closed vial stability with 14-days open vial stability. Each new lot is shipped every 3 months. CBC-ST Plus exists in 2.5 ml pierceable screw cap tube.

XERet Control

Analyzers: SYSMEX XN and XN-L series, XT-4000i and XT-2000i, XE series

XERet Control is a tri-level whole blood reticulocyte control designed specifically for the SYSMEX XN and XN-L series and XE series, XT-4000i and XT-2000i hematology analyzers. The target values for the levels are Level 1: 1.0%, Level 2: 5.0% and Level 3: 10.0%. XERet Control has 75-day closed vial stability with 15 days open vial stability or 15 pierces. XERet exists in 3.0 ml pierceable screw cap tube.

XE-nRBC

Analyzers: SYSMEX XN and XE series

XE-nRBC is a tri-level control specifically designed to monitor the performance of hematology blood cell counters for the enumeration of nRBC cells with SYSMEX XN and XE series instruments. XE-nRBC is bar-coded for correct QC file access. XE-nRBC has 75-day closed vial stability with 15-days open vial stability. Each new lot is shipped every 2 months.

XE-nRBC exists in 4.5 ml pierceable screw tube.

NEK-CAL

Analyzers: SYSMEX XE and XT Series, KX-21 and KX-21N

The NEK-CAL is designed for calibration of SYSMEX XE and XT Series and KX-21 hematology analyzers. Values obtained for WBC, RBC, Hgb, MCV, Hct and Plt. NEK-CAL has 45-day closed vial with 5-days open vial stability. Each new lot is shipped every month. NEK-CAL exists in 3.5 ml pierceable screw cap tube.

BODY FLUID-I

Analyzers: XT4000i, XE-2100 series, XE-5000, XN series

Body Fluid-I is a tri-level control. It is an assayed hematology control intended to monitor the reliability of hematology instruments that quantitatively measure red and white blood cell counts in cerebrospinal fluids, serous fluids and synovial fluids. The Body Fluid-I has 75-day closed vial stability with 30-days open vial stability. Each new lot is shipped every 2 months. Body Fluid-I exists in 3.0 ml pierceable screw cap tube.

PRODUCTS FOR MINDRAY

CBC-3D

Analyzers: BC-1800, BC-2000 series, BC-2000 Vet series, BC-3000 series, BC-10/10e, BC-11, BC-20/21, BC-30/31 series

CBC-3D is a tri-level control for monitoring values of hematology instruments using the impedance principle. CBC-3D has 105-day closed vial stability with 14-day open vial / tube stability. Each new lot is shipped every 3 months. CBC-3D exists in 2.0 and 3.0 ml screw cap tube.

CBC-5DMR

Analyzers: BC-5000 series, BC-5000 Vet series, BC-5390 CRP

CBC-5DMR is a tri-level control designed specifically for MINDRAY BC-5500 and BC-5200 hematology analyzers. CBC-5DMR is bar-coded for correct QC file access. CBC-5DMR has 75-day closed vial stability or 14-day open vial stability. Each new lot is shipped every 2 months. CBC-5DMR exists in 3,0 ml pierceable screw cap tube and bare codes.

CBC-XE will be replaced by CBC-XR in 2022

Analyzers: BC-6600, BC-6800

CBC-XE is a tri-level control designed specifically for hematology analyzers Mindray BC-6600 and BC-6800. CBC-XE is bar-coded for correct QC file access. CBC-XE has 75-day closed vial stability with 15 days open vial stability or 15 days pierces. Each new lot is shipped every 2 months. CBC-XE exists in 4.5 ml pierceable screw cap tube.

CBC-XR will be released in 2022

Analyzers: BC-6600, BC-6800

CBC-XR is a tri-level control designed specifically for hematology analyzers Mindray BC-6600 and BC-6800. CBC-XE is bar-coded for correct QC file access. CBC-XR has 75-day closed vial stability with 15 days open vial stability or 15 days pierces. Each new lot is shipped every 2 months. CBC-XR exists in 4.5 ml pierceable screw cap tube.

XERet Control

Analyzers: BC-6600, BC-6800

XERet Control is a tri-level whole blood reticulocyte control designed specifically for the SYSMEX XN and XE series, XT-4000i and XT-2000i hematology analyzers. The target values for the levels are Level 1: 1.0%, Level 2: 5.0% and Level 3: 10.0%. XERet Control has 75-day closed vial stability with 15 days open vial stability or 15 pierces. XERet exists in 3.0 ml pierceable screw cap tube.

XE-nRBC

Analyzers: BC-6600, BC-6800

XE-nRBC is a tri-level control specifically designed to monitor the performance of hematology blood cell counters for the enumeration of nRBC cells with Mindray BC-6600 and BC-6800 instruments. XE-nRBC is bar-coded for correct QC file access. XE-nRBC has 75-day closed vial stability with 15-day open vial stability. Each new lot is shipped every 2 months. XE-nRBC exists in 4.5 ml pierceable screw tube.

CBC-CAL PLUS

Analyzers: BC-1800, BC-2000 series, BC-3000 series, BC-5000 series, BC-6000 series, BC-6000 plus series, BC-10/10e/11/20/21/30/31 series

CBC-CAL Plus is designed for the calibration of Mindray. Values are provided for WBC, RBC, HGB, HCT, MCV, PLT, and MPV parameters. CBC-CAL Plus has 45-day closed vial stability with 7-day open vial stability. Each new lot is shipped every month. CBC-CAL Plus exists in 3.0 ml pierceable screw cap tube.

BODY FLUID-I **Analyzers:** BC-6200, BC-6800

Body Fluid-I is a tri-level control. It is an assayed hematology control intended to monitor the reliability of hematology instruments that quantitatively measure red and white blood cell counts in cerebrospinal fluids, serous fluids and synovial fluids. The Body Fluid-I has 75-day closed vial stability with 30-day open vial stability. Each new lot is shipped every 2 months. Body Fluid-I exists in 3.0 ml pierceable screw cap tube.

PRODUCTS FOR DYMIND

CBC-3D

Analyzers: DH31, DH33, DH36, DH 36 Vet

CBC-3D is a tri-level control. CBC-3D has 105-day closed vial stability with 14-day open tube stability. Each new lot is shipped every 3 months. CBC-3D exists in 2.0 and 3.0 ml screw cap tube.

CBC-DH

Analyzers: DF series, DF vet, DH 50 series, DH 70 series, Series CRP

CBC-DH is a tri-level designed specifically for Dymind hematology analyzers. Assay tables are downloadable on the web site of R&D Systems - a Bio-technie brand. CBC-DH is bar-coded for correct QC file access. CBC-DH has 75-day closed vial stability with an open vial stability of 14 days. Each new lot is shipped every 2 months. CBC-DH exists in 3.0 ml pierceable screw cap tube.

CBC-CAL PLUS

Analyzers: DF series, DH Series, Dymind Vet Series, Dymind CRP series

CBC-CAL Plus is designed for the calibration of Hematology analyzers. Values are provided for WBC, RBC, HGB, HCT, MCV, PLT, and MPV parameters. CBC-CAL Plus has 45-day closed vial stability with 7-day open vial stability. Each new lot is shipped every month. CBC-CAL Plus exists in 3.0 ml pierceable screw cap tube.

PRODUCTS FOR URIT

CBC-3D

Analyzers: URIT 2900 series, URIT 2900 Plus, URIT 2900 Vet Plus, URIT 3000 series, URIT 3000 Plus, URIT 3000 Vet Plus, BH-series, BH-Vet series

CBC-3D is a tri-level control. CBC-3D has 105-day closed vial stability with 14-day open vial / tube stability. Each new lot is shipped every 3 months. CBC-3D exists in 2.0 and 3.0 ml screw cap tube.

CBC-3K

Analyzers: URIT 5000 series, BH-5000 series

CBC-3K is a tri-level control. CBC-3K has 75 –day closed vial stability and 8-day open vial stability or 15 pierces maximum. Each new lot is shipped every 2 months. CBC-3K exists in 3.0 ml pierceable screw cap tube.

CBC-CAL PLUS

Analyzers: URIT 2900 series, URIT 2900 Plus, URIT2900 Vet Plus, URIT 3000 series, URIT 3000 Plus, URIT 3000 Vet Plus, URIT 5000 series, BH-Series and BH Vet series, Smart VS

CBC-CAL Plus is designed for the calibration of URIT. Values are provided for WBC, RBC, HGB, HCT, MCV, PLT, and MPV parameters. CBC-CAL Plus has 45-day closed vial stability with 7-day open vial stability. Each new lot is shipped every month. CBC-CAL Plus exists in 3.0 ml pierceable screw cap tube.

PRODUCTS FOR URINARY CYTOLOGY

R&D BODY FLUID

Analyzers: Manual Methods

R&D Body Fluid is a bi-level control used to monitor total cell counts performed manually using a hemocytometer. R&D Body Fluid Control ensures the correct identification and quantification of red and white blood cells in patient body fluid samples. R&D Body Fluid Control has 105-day closed vial stability or open vial stability of 90 days with 31 thermal cycles. Each new lot is shipped every 3 months. R&D Body Fluid Control exists in 2.0 mL pierceable screw cap vial.

BODY FLUID-U

Analyzers: Coulter Iris IQ200, Sysmex UF series, Menarini Sedimax, Roche Cobas U701

Body Fluid-U control is a tri-level control used to monitor total Leucocytes and Erythrocytes counts in urine performed on Coulter Iris IQ200, Sysmex UF-Series analyzers (automated methods), Menarini Sedimax and Roche Cobas U701, as well as for manual techniques. Bar codes allow the identification of samples in the same mode as the urines of patients on the urinary cytology instrument. The Body Fluid-U control has a total longevity of 75 days and stability after opening the bottle of 30 days. The Body Fluid-U control is packaged in a bottle of 60 ml with drop counter cap. Each new lot is shipped every 2 months.

PRODUCTS FOR MANUAL METHODS

CBC-7

Analyzers: Manual Methods

CBC-7 is a tri level control used for manual, semi-automated, and automated instruments capable of measuring up to seven parameters. CBC-7 has 105-day closed vial stability with 14-day open vial stability. Each new lot is shipped every 3 months. CBC -7 exists in 2.0 ml screw cap vial.

CBC-3K

Analyzers: Manual Methods

CBC-3K is a tri-level control for monitoring with the manual methods. CBC-3K has 75 –day closed vial stability and 8-day open vial stability or 15 pierces maximum. Each new lot is shipped every 2 months. CBC-3K exists in 3.0 ml pierceable screw cap tube.

R&D RETIC-I

Analyzers: Manual Methods

R&D Retic-I is a tri-level whole blood reticulocyte control for manual and automated counting methods. The target values for the levels are : Level 1 - 1.0%; Level 2 - 5.0% and Level 3 - 10.0%. R&D Retic-I has 75-day closed vial stability with 14-day open vial stability. Each new lot is shipped every 2 months. R&D Retic-I exists in 1.5 mL and 3.0 mL pierceable screw cap tube.

R&D 4K-RETIC

Analyzers: Manual Methods

R&D 4K-Retic is a bi-level control designed specifically for Manual Methods. The target values for the levels are : Level 1 - 1.0% and Level 2 - 10%. R&D 4K-Retic has 75-day closed vial stability with 14-day open vial stability. Each new lot is shipped every 2 months. R&D 4K-Retic exists in 3.0 mL pierceable screw cap tube.

SEDRite Plus

Analyzers: Manual Methods

SEDRite Plus is a bi-level control formulated to provide values in the clinically normal and elevated ranges and is designed to monitor erythrocyte sedimentation rate (ESR) values obtained from manual and automated ESR methods. SEDRite Plus is an excellent control for the ESR tests because the control cells rouleaux in the same manner as fresh whole blood cells. Therefore, this product can be used to monitor the factors that cause variability in ESR results, such as technique, time, temperature and tube position. SEDRite Plus has 105-day closed vial stability with 30-day open vial stability. Each new lot is shipped every 3 months. SEDRite Plus exists in 9.0 mL screw cap vial or in 4.5 mL pierceable screw cap tube.

R&D Body Fluid

Analyzers: Manual Methods

R&D Body Fluid is a bi-level control used to monitor total cell counts performed manually using a hemocytometer. R&D Body Fluid Control ensures the correct identification and quantification of red and white blood cells in patient body fluid samples. R&D Body Fluid Control has 105-day closed vial stability or open vial stability of 90 days with 31 thermal cycles. Each new lot is shipped every 3 months. R&D Body Fluid Control exists in 2.0 mL pierceable screw cap vial.

PRODUCTS FOR MANUAL METHODS

LeukoReduced RBC/Plt Control®

Analyzers: Manual Methods

Leukoreduced RBC/Plt Control is a bi-level control for flow cytometers and Nageotte Chamber to monitor methods for quantification of residual leukocytes in leukoreduced RBC and Plt products. The WBC target values for the levels are : Level 1 - 2.0/ μ L and Level 2 - 20.0/ μ L. LeukoReduced RBC/Plt has a closed vial stability of 75 days or an open vial stability of 30 days with 21 thermal cycles. Each new lot is shipped every 2 months. LeukoReduced RBC/Plt Control exists in 3.0 mL pierceable screw cap tube.

HCT Extended Control®

Analyzers: Manual Methods

HCT Extended is a bi-level control. It is an established laboratory practice to use a stable control to monitor the performance of diagnostic test. This control is composed of stable materials that provide a means of monitoring the performance of automated, semi-automated and manual hematocrit methods. HCT Extended has 75-day closed vial stability with 21-day open vial stability. Each new lot is shipped every 2 months. HCT Extended exists in 3.0 ml screw cap tube.

FETALtrol®

Analyzers: Manual Methods

The FETALtrol allows to control methods for detection of fetal red blood cells containing Hb F or Rho (D antigen) for the research of fetomaternal hemorrhage (Kleihauer, Cytometry). FETALtrol is composed of D-antigen (Rho), negative human adult erythrocytes, supplemented with D-antigen (Rho) positive human cord blood erythrocytes. Each kit contains 3 levels of Fœtal cells. Each new lot is shipped every 3 months. FETALtrol exists in 2.0 ml vials. Unopened vials are stable through the expiration date. Opened vials are stable for 25 thermal cycles (uses).

Sickle QC®

Analyzers: Manual Methods

Sickle QC is a positive and negative control for solubility tests used to detect Hemoglobin S. Sickle QC control is compatible with the following sickle cell tests: Chembio Diagnostic System Sickle-STAT, Columbia Calibre Sickle Cell Reagent, Dade Behring Sickle Sol Solubility Test, Ortho/ Johnson & Johnson SICKLEDEX, Pacific Hemostasis SickleScreen Sickling Hemoglobin Screening Kit and Streck Sickle-Chex Solubility Kit. Sickle QC has 195-day closed vial stability with 100-day open vial stability. Each new lot is shipped every 3 months. Sickle QC exists in 2.0 ml screw cap Vial.

PRODUCTS FOR POINT OF CARE - HEMOCUE

R&D Glu/Hgb Control®

Analyzers: Hemocue glucose 201+ / DM, Hemocue Hb 201+ / DM

R&D Glu/Hgb is a tri-level control used to monitor the precision and accuracy of HemoCue B-Glucose, Glucose 201, B-Hemoglobin and Hb 201+ analysers. The three levels of control are designed to provide values in the abnormal low, normal, and abnormal high ranges. Because the control contains erythrocytes, the total test process is verified, including the lysing reagent. R&D Glu/Hgb has 105-day closed vial stability with 30-day open vial stability at 18 - 30°C (64 - 86°F). Each new lot is shipped every 3 months. R&D Glu/Hgb exists in 1.5 mL plastic dropper vials.

HGB Extended Control®

Analyzers: Hemocue Hb 201+ / DM

HGB Extended is a tri-level control. It is an established laboratory practice to use a stable control to monitor the performance of diagnostic tests from results got with HemoCue Hemoglobin photometers. HGB Extended has 365-day closed vial stability with 30-day open vial stability. Each new lot is shipped every 6 months. HGB Extended exists in 2.0 ml screw cap tube.

Hemocue WBC Control®

Analyzers: Hemocue Hb 201+ / DM, Chemometec Nucleocounter

HC WBC is a 3 level control. It is an established laboratory practice to use a stable control to monitor the performance of diagnostic tests. HC WBC has 105-day closed vial stability with 30-day open vial stability. Each new lot is shipped every 3 months. HC WBC exists in 2.0 ml screw cap vial.

HC WBC DIFF

Analyzers: Hemocue WBC Diff, Chemometec Nucleocounter

HC WBC Diff is a tri-level control used to monitor values obtained from a HemoCue WBC DIFF analyzer. HemoCue WBC Diff has a 75 day closed vial stability with 30-day open vial stability. Each new lot is shipped every 2 months. HC WBC Diff exists in 2.0 ml plastic dropper vials.

PRODUCTS FOR POINT OF CARE - PIXCELL HEMOSCREEN

CBC-PIX

Analyzers: PixCell HemoScreen

The CBC-PIX is a tri-level control designed exclusively for the PixCell HemoScreen analyser by using its unique technology. The CBC-PIX guarantees a reliable result of blood count 5 diff .

This control has a 14-day open vial stability. Each new lot is shipped every 2 months. CBC-PIX exists in 3ml tube with a cap of type Hemoguard.

FLOW CYTOMETRY



StatusFlow[®]

StatusFlow is a stable preparation of human peripheral leukocytes and erythrocytes designed for use as a control in immunophenotyping when evaluating RBC lysis, antibody reactivity, instrument set-up, and instrument performance by flow cytometry. Assay values are reported as a percent of total lymphocytes and as the number of cells for the following phenotypes : CD3+, CD3+/CD4+, CD3+/CD8+, CD19+, CD3-/CD16+56+, CD20+, CD2+, and HLA-DR+. Target values (for research use only) are also provided for the following CD markers : kappa, lambda, CD8+/CD38+, CD33+/CD14+, CD7+/CD3+, CD5+, CD22+/CD3- and CD13+. Target values for CD45 and CD14, which are intended for gating purposes only, are also included. StatusFlow has a closed vial stability of 45 days with an open vial stability of 9 thermal cycles. Each new lot is shipped every month. StatusFlow exists in 2.5 and 4.0 mL pierceable hemogard tube.

StatusFlow^{LO}

Status Flow^{LO} is designed to team with StatusFlow to provide a two-level whole blood reference control for monitoring low CD3+/CD4+ cell counts. Assay values are reported as a percent of total lymphocytes and as the number of cells for CD3+, CD3+/CD4+, CD3+/CD8+, CD19+, CD3-/CD16+56+. The CD3+/CD4+ cell count is less than 200 cells/ μ L. StatusFlow^{LO} has a closed vial stability of 45 days with an open vial stability of 9 thermal cycles. Each new lot is shipped every month. StatusFlow^{LO} exists in 2.5 mL pierceable hemogard tube.

StatusFlow^{PRO}

Status FlowPRO contains human stem cells and can be used with most flow cytometry methods for identifying CD34+ cells. StatusFlowPRO offers two clinically relevant levels of CD34+ cells. Target values for the low level CD34 are \sim 10 cells/ μ L. Target values for the high level CD34 are \sim 35 cells/ μ L. Statusflow PRO facilitates the evaluation of CD34+ gating strategy, evaluation of the CD34 antibody clone selection, lysing reagents and data analysis. Status FlowPRO has a closed vial stability of 45 days with an open vial stability of 12 thermal cycles. Status FlowPRO is shipped every month. Status FlowPRO exists in 1.5 ml pierceable hemogard tube.

R&D LeukoReduced RBC/Plt Control[®]

R&D Leukoreduced RBC/Plt Control is a bi-level control for flow cytometers and Nageotte Chamber to monitor methods for quantification of residual leukocytes in leukoreduced RBC and Plt products. The WBC target values for the levels are : Level 1 - 2.0/ μ L and Level 2 - 20.0/ μ L. R&D LeukoReduced RBC/Plt has a closed vial stability of 75 days or an open vial stability of 30 days with 21 thermal cycles. Each new lot is shipped every 2 months. R&D LeukoReduced RBC/Plt Control exists in 3.0 mL pierceable screw cap tube.

LINEARITY KITS

CBC-LINE Linearity Kits

Contains pre-diluted WBC, RBC/Hgb, and Plt levels appropriate for use in establishing reportable ranges. Kits are customized to the reportable range capabilities of all major hematology analyzers to provide a kit best suited to your needs. When CBC-LINE kits are used in combination with independently verified and documented calibration, the information can be used to establish the range of lowest and highest values that can be accurately reported by the hematology analyzer. Each kit includes one Instrument Evaluation Report at no extra charge.



CBC-LINE FULL range of values :

GB / WBC: from $8.0 \times 10^3 / \mu\text{L}$ to $420 \times 10^3 / \mu\text{L}$

GR / RBC: from $1.25 \times 10^6 / \mu\text{L}$ to $8.1 \times 10^6 / \mu\text{L}$

PLQ / PLT: from $30 \times 10^3 / \mu\text{L}$ to $5000 \times 10^3 / \mu\text{L}$

CBC-LINE Low range of values:

GB / WBC: from $0.5 \times 10^3 / \mu\text{L}$ to $8 \times 10^3 / \mu\text{L}$

GR / RBC: from $0.25 \times 10^6 / \mu\text{L}$ to $4.5 \times 10^6 / \mu\text{L}$

PLQ / PLT: from $11 \times 10^3 / \mu\text{L}$ to $220 \times 10^3 / \mu\text{L}$

CBC-LINE Ultra Low Plus RBC range of values:

GB / WBC: from $0.08 \times 10^3 / \mu\text{L}$ to $8 \times 10^3 / \mu\text{L}$

GR / RBC: from $0.005 \times 10^6 / \mu\text{L}$ to $4 \times 10^6 / \mu\text{L}$

PLQ / PLT: from $2 \times 10^3 / \mu\text{L}$ to $220 \times 10^3 / \mu\text{L}$

RET-LINE kits

Each kit contains a series of reticulocyte concentrations to test your hematology analyzer's ability to accurately recover reticulocyte counts across a range of values. Each kit includes one Instrument Evaluation Report at no extra charge.

PLATELET-TROL Extended

Platelet-Trol Extended is a 3 level control designed specifically for monitoring the elevated platelet ranges of hematology analyzers. Platelet-Trol Extended has 75-day closed vial stability with 14-day open vial stability. Each new lot is shipped every 2 months. Platelet-Trol Extended Platelet Control exists in 3.0 mL pierceable screw cap tube.

Approximate values for PLT in each level in $10^3 / \mu\text{L}$:

3 : 1000 ; 4 : 1500 ; 5 : 2000 ; 6 : 3000

HCT Extended Control

HCT Extended is a bi-level control. It is an established laboratory practice to use a stable control to monitor the performance of diagnostic test. This control is composed of stable materials that provide a means of monitoring the performance of automated, semi-automated and manual hematocrit methods. HCT Extended has 75-day closed vial stability with 21-day open vial stability. Each new lot is shipped every 2 months. HCT Extended exists in 3.0 ml pierceable screw cap tube.

QUALITY CONTROL PROGRAM :

CBC-*Monitor*

You want to set up a total quality control comparison in your laboratory :

CBC-MONITOR is a unique and excellent Inter-laboratory hematology Quality Control program. This service meets the requirements for peer-reviewed data comparisons and is available for all hematology blood controls manufactured by R&DS and distributed in Europe by BIO-TECHNE SAS.



CBC-MONITOR is a **key tool** of the **Quality Insurance** of your laboratory. With personal identification number and password, you achieve in real-time your statistical results, view and save your reports.

Laboratories who participate to this program may compare their statistical data like Mean value and Standard Deviation to those of the Peer Group and evaluate the accuracy and the precision of their instrument. The CBC-Monitor program is a **free service**; to participate you only have to fill a enrollment form for each R&DS blood control used and instrument type. We will then provide you with your identification code and password to allow you to achieve the programme via Internet .