



HORIBA
Medical

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Hematology & Clinical Chemistry
Reagents, consumables and customer support

CATALOGUE 2009



This year brings strong messages and strategic changes to consolidate our role as your specialist partner. This year also brings ever greater rewards for our Research and Development efforts, with new products and peri-analytical services that are even better suited to your needs.

With our Quality Control Program (QCP) you will be able to manage your analytical process in real time and also compare your internal Quality Control with peers.

In addition to your needs for traceability and accreditation, and taking into account the strict standards required for laboratory hematology work, we have decided to expand our sales offering with unique organization solutions for upstream of your analyzers (data management, sample management) and downstream of your analyzers (archiving). Upstream, with a tube sorter and an automatic rack loader (compatible with the ABX Pentra 120), and downstream, once the sample has been analyzed, with the storage of samples in an intelligent refrigerator that can automatically select and sort saved tubes.

“Twenty-five years in medical diagnosis”: this is our greatest strength in continuing to offer you high-performance analyzers that meet increasingly specific demands in terms of technology and reliability. We continue to draw on our accumulated expertise in this field to partner you in improving your Quality procedures.

Finally, discover “HORIBA Medical”, our new trade name, as well as our new logo which clearly identifies our business activity and our position in an international group, a leader in analysis and measuring instruments for gases, liquids and solids.

As ever, HORIBA Medical is focusing on the real demands of laboratories to bring you complete and unique solutions for your diagnosis activities.

The HORIBA Medical Team



HORIBA
Medical

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Hematology & Clinical Chemistry

CATALOGUE 2009



HEM



ABX Pentra DX120 SPS Evolution



ABX Pentra XL80



ABX Pentra 60C+

6 **ABX** Pentra **DX** 120 ●

8 **ABX** Pentra **DF** 120 ●

10 **ABX** Pentra **120** range ●

12 **ABX** Pentra **80** range ●

14 **ABX** Pentra **60** range ●

16 **ABX** Micros range ●

18 **ABX** Micros **CRP** range ●

ATOLOGY



ABX Pentra 60



ABX Micros ES60



ABX Micros CRP200



ABX e-sat



ABX Pentra ML

120 tests/hour

45 parameters

Expert validation system (ABX PENTRA ML)

Integrated slide-maker* (ABX SPS Evolution)
*option

ABXPENTRA DX120

Hematology analyser

ABX Pentra DX120



ABX Pentra DX120 SPS Evolution

ABX Pentra **DX** 120

ABX Pentra **DX** 120 SPS Evolution

Reference	Designation	System
Reagents DX 120		
0901020	ABX Diluent 20 L	Pentra DX 120
0901010	ABX Diluent 10 L	Pentra DX 120
0906012	ABX Lysebio 1 L	Pentra DX 120
0206013	ABX Leucodiff 1 L	Pentra DX 120
0204050	ABX Basolyse 5 L	Pentra DX 120
0904011	ABX Fluocyte 0.5 L	Pentra DX 120
0903010	ABX Cleaner 1 L	Pentra DX 120
0401005	ABX Minoclar 0.5 L	For all HORIBA Medical systems

Reagents SPS Evolution		
A01A00004	Buffer 6,8 (1 x 100 tablets)	Pentra DX 120 SPS Evolution
A01A00005	Buffer 7.2 (1 x 100 tablets)	Pentra DX 120 SPS Evolution
A01A00006	Methanol (4 x 2.5 L)	Pentra DX 120 SPS Evolution
A01A00007	Giemsa (6 x 0.5 L)	Pentra DX 120 SPS Evolution
A01A00008	May-Grünwald (6 x 0.5 L)	Pentra DX 120 SPS Evolution

Blood control - Calibrator

ABX Difftrol Twin Packs (2 x 3 mL vial)

2062207	ABX Difftrol - 2L + floppy	Pentra DX 120
2062203	ABX Difftrol - 2N + floppy	Pentra DX 120
2062208	ABX Difftrol - 2H + floppy	Pentra DX 120

ABX Minotrol Retic Twin Packs (2 x 3 mL vial)

2072201	ABX Minotrol Retic - 2N + floppy	Pentra DX 120
2072202	ABX Minotrol Retic - 1L + 1H + floppy	Pentra DX 120

ABX Erytrol Twin Packs (2 x 3 mL vial)

2072203	ABX Erytrol - 2 x level 3 + floppy	Pentra DX 120
2072204	ABX Erytrol - 1 x level 1+ 1 x level 2 + floppy	Pentra DX 120

ABX Minotrol 16 Twin Packs (2 x 2.5 mL vial)

2042208	ABX Minotrol 16 - 2L	Pentra DX 120
2042202	ABX Minotrol 16 - 2N	Pentra DX 120
2042209	ABX Minotrol 16 - 2H	Pentra DX 120

ABX Minocal (2 mL vial)

2032002	ABX Minocal: 1 x 2 mL	Calibration for all HORIBA Medical systems
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N: normal level, H: high level, L: low level

Consumables DX 120

1192010	Toner Cartridge (EPL 6100)	Pentra DX 120
1192013	Toner Cartridge (EPL 6200)	Pentra DX 120
1192007	Photoconductive block (EPL 5700-5800)	Pentra DX 120
1192014	Photoconductive block (EPL 6200)	Pentra DX 120

Consumables SPS Evolution

NAB008A	Ribbon Cartridge Citizen	Pentra DX 120 SPS Evolution
LAE040A	Slide for SPS (1 x 50)	Pentra DX 120 SPS Evolution
XDA945C	Coloration wells (1 x 32)	Pentra DX 120 SPS Evolution
NAB009B	Smearing Ribbon	Pentra DX 120 SPS Evolution

120 tests/hour

32 parameters

Expert validation system (ABX PENTRA ML)

Integrated slide-maker* (ABX SPS Evolution)
*option

ABX PENTRA DF120



Hematology analyser

ABX Pentra DF120



ABX Pentra DF120 SPS Evolution

ABX Pentra DF 120

ABX Pentra DF 120 SPS Evolution

Reference	Designation	System
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Reagents DF 120

0901020	ABX Diluent 20 L	Pentra DF 120
0901010	ABX Diluent 10 L	Pentra DF 120
0906012	ABX Lysebio 1 L	Pentra DF 120
0206013	ABX Leucodiff 1 L	Pentra DF 120
0204050	ABX Basolyse 5 L	Pentra DF 120
0903010	ABX Cleaner 1 L	Pentra DF 120
0401005	ABX Minoclar 0.5 L	For all HORIBA Medical systems

Reagents SPS Evolution

A01A00004	Buffer 6,8 (1 x 100 tablets)	Pentra DF 120 SPS Evolution
A01A00005	Buffer 7.2 (1 x 100 tablets)	Pentra DF 120 SPS Evolution
A01A00006	Methanol (4 x 2.5 L)	Pentra DF 120 SPS Evolution
A01A00007	Giemsa (6 x 0.5 L)	Pentra DF 120 SPS Evolution
A01A00008	May-Grünwald (6 x 0.5 L)	Pentra DF 120 SPS Evolution

Blood control - Calibrator

ABX Difftrol Twin Packs (2 x 3 mL vial)

2062207	ABX Difftrol - 2L + floppy	Pentra DF 120
2062203	ABX Difftrol - 2N + floppy	Pentra DF 120
2062208	ABX Difftrol - 2H + floppy	Pentra DF 120

ABX Minotrol 16 Twin Packs (2 x 2.5 mL vial)

2042208	ABX Minotrol 16 - 2L	Pentra DF 120
2042202	ABX Minotrol 16 - 2N	Pentra DF 120
2042209	ABX Minotrol 16 - 2H	Pentra DF 120

ABX Minocal (2 mL vial)

2032002	ABX Minocal: 1 x 2 mL	Calibration for all HORIBA Medical systems
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N: normal level, H: high level, L: low level

Consumables DF 120

1192013	Toner Cartridge (EPL 6200)	Pentra DF 120
1192014	Photoconductive block (EPL 6200)	Pentra DF 120

Consumables SPS Evolution

NAB008A	Ribbon Cartridge Citizen	Pentra DF 120 SPS Evolution
LAE040A	Slide for SPS (1 x 50)	Pentra DF 120 SPS Evolution
XDA945C	Coloration wells (1 x 32)	Pentra DF 120 SPS Evolution
NAB009B	Smearing Ribbon	Pentra DF 120 SPS Evolution



ABX Pentra 120 Retic SPS

120 tests/hour

36 parameters

Slide-maker* (ABX SPS)

*option

ABXPENTRA120RANGE

Hematology analyser



ABX Sat RL 1500*

Robotic tube loading and sorting device that places the tubes directly into ABX Pentra 120 racks.

Automatically detection of the size of the tubes and the position of the cap.



ABX Sat TA 5000+*

Automatically discharge of the tubes directly from the Pentra 120 racks.

For intelligent archiving and refrigerated storage up to 5.000 tubes within exchangeable & cool-able cabinets. Sample retrieval requested by sample ID.

Or Automatically classification for additional tests (HbA1c, ESR, blood groups, cytometry...).

* Please contact our local representative for further information.

ABX Pentra 120 / ABX Pentra 120 Retic

ABX Pentra 120 SPS

Reference	Designation	System
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Reagents 120 / 120 Retic

0901020	ABX Diluent 20 L	Pentra 120 / 120 Retic
0901010	ABX Diluent 10 L	Pentra 120 / 120 Retic
0906012	ABX Lysebio 1 L	Pentra 120 / 120 Retic
0206010	ABX Eosinofix 1 L	Pentra 120 / 120 Retic
0204050	ABX Basolyse 5 L	Pentra 120 / 120 Retic
0904005	ABX Retix 0.5 L	Pentra 120 Retic
0904010	ABX Retix 1L	Pentra 120 Retic
0903010	ABX Cleaner 1 L	Pentra 120 / 120 Retic
0401005	ABX Minoclar 0.5 L	For all HORIBA Medical systems

Reagents SPS

A01A00004	Buffer 6,8 (1 x 100 tablets)	Pentra 120 SPS
A01A00005	Buffer 7.2 (1 x 100 tablets)	Pentra 120 SPS
A01A00006	Methanol (4 x 2.5 L)	Pentra 120 SPS
A01A00007	Giemsa (6 x 0.5 L)	Pentra 120 SPS
A01A00008	May-Grünwald (6 x 0.5 L)	Pentra 120 SPS

Blood control - Calibrator

ABX Difftrol Twin Packs (2 x 3 mL vial)

2062207	ABX Difftrol - 2L + floppy	Pentra 120 / 120 Retic
2062203	ABX Difftrol - 2N + floppy	Pentra 120 / 120 Retic
2062208	ABX Difftrol - 2H + floppy	Pentra 120 / 120 Retic

ABX Minotrol Retic Twin Packs (2 x 3 mL vial)

2072201	ABX Minotrol Retic - 2N + floppy	Pentra 120 Retic
2072202	ABX Minotrol Retic - 1L + 1H + floppy	Pentra 120 Retic

ABX Minotrol 16 Twin Packs (2 x 2.5 mL vial)

2042208	ABX Minotrol 16 - 2L	Pentra 120 / Pentra 120 Retic
2042202	ABX Minotrol 16 - 2N	Pentra 120 / Pentra 120 Retic
2042209	ABX Minotrol 16 - 2H	Pentra 120 / Pentra 120 Retic

ABX Minocal (2 mL vial)

2032002	ABX Minocal: 1 x 2 mL	Calibration for all HORIBA Medical systems
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N: normal level, H: high level, L: low level

Consumables 120 / 120 Retic

1192004	Toner Cartridge (EPL 5500)	Pentra 120 / 120 Retic
1192006	Toner Cartridge (EPL 5700-5800)	Pentra 120 / 120 Retic
1192009	Toner Cartridge (EPL 5900)	Pentra 120 / 120 Retic
1192010	Toner Cartridge (EPL 6100)	Pentra 120 / 120 Retic
1192013	Toner Cartridge (EPL 6200)	Pentra 120 / 120 Retic
1192005	Photoconductive block (EPL 5500)	Pentra 120 / 120 Retic
1192007	Photoconductive block (EPL 5700-5800)	Pentra 120 / 120 Retic
1192014	Photoconductive block (EPL 6200)	Pentra 120 / 120 Retic

Consumables 120 SPS

NAB008A	Ribbon Cartridge Citizen	Pentra 120 SPS
LAE040A	Slide for SPS (1 x 50)	Pentra 120 SPS
XDA925A	Coloration wells (1 x 32)	Pentra 120 SPS
NAB009B	Smearing Ribbon	Pentra 120 SPS



ABX Pentra 80

80 tests/hour
26 parameters
Integrated Work Station

ABXPENTRA80RANGE

Hematology analyser



ABX Pentra XL80



80 tests/hour
26 parameters
Integrated Work Station
Customized Dilution Ratio (CDR)

ABX Pentra **XL80** / ABX Pentra **80**

Reference	Designation	System
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Reagents

0901020	ABX Diluent 20 L	Pentra XL 80 / Pentra 80
0901010	ABX Diluent 10 L	Pentra XL 80 / Pentra 80
0906013	ABX Lysebio 0.4 L	Pentra XL 80 / Pentra 80
0206010	ABX Eosinofix 1 L	Pentra XL 80 / Pentra 80
0906003	ABX Basolyse II 1 L	Pentra XL 80 / Pentra 80
0903010	ABX Cleaner 1 L	Pentra XL 80 / Pentra 80
0401005	ABX Minoclaire 0.5 L	For all HORIBA Medical systems

Blood control - Calibrator

ABX Difftrol Twin Packs (2 x 3 mL vial)

2062207	ABX Difftrol - 2L + floppy	Pentra XL 80 / Pentra 80
2062203	ABX Difftrol - 2N + floppy	Pentra XL 80 / Pentra 80
2062208	ABX Difftrol - 2H + floppy	Pentra XL 80 / Pentra 80

ABX Minotrol 16 Twin Packs (2 x 2.5 mL vial)

2042208	ABX Minotrol 16 - 2L	Pentra XL 80 / Pentra 80
2042202	ABX Minotrol 16 - 2N	Pentra XL 80 / Pentra 80
2042209	ABX Minotrol 16 - 2H	Pentra XL 80 / Pentra 80

ABX Minocal (2 mL vial)

2032002	ABX Minocal: 1 x 2 mL	Calibration for all HORIBA Medical systems
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N: normal level, H: high level, L: low level

Consumables

1192009	Toner Cartridge (EPL 5900)	Pentra XL 80 / Pentra 80
1192013	Toner Cartridge (EPL 6200)	Pentra XL 80 / Pentra 80
1192011	Toner Cartridge (Lexmark E210)	Pentra XL 80 / Pentra 80
1192016	Toner Cartridge (OKI B4200)	Pentra XL 80 / Pentra 80
1192022	Toner Cartridge (OKI B4350)	Pentra XL 80 / Pentra 80
1192017	Paper tray (OKI B4200)	Pentra XL 80 / Pentra 80
1192007	Photoconductive block (EPL 5700-5800)	Pentra XL 80 / Pentra 80
1192014	Photoconductive block (EPL 6200)	Pentra XL 80 / Pentra 80
1192018	Photoconductive block (OKI B4200)	Pentra XL 80 / Pentra 80



ABX Pentra 60

60 tests/hour
26 parameters
Open tube sampling

ABXPENTRA60RANGE

Hematology analyser



ABX Pentra 60C+

60 tests/hour
26 parameters
Work Station included
Closed tube sampling

ABX Pentra 60C+ / ABX Pentra 60

Reference	Designation	System
Reagents		
0901020	ABX Diluent 20 L	Pentra 60 C+ / Pentra 60
0901010	ABX Diluent 10 L	Pentra 60 C+ / Pentra 60
0906013	ABX Lysebio 0.4 L	Pentra 60 C+ / Pentra 60
0206010	ABX Eosinofix 1 L	Pentra 60 C+ / Pentra 60
0906003	ABX Basolyse II 1 L	Pentra 60 C+ / Pentra 60
0903010	ABX Cleaner 1 L	Pentra 60 C+ / Pentra 60
0401005	ABX Minoclar 0.5 L	For all HORIBA Medical systems

Blood control - Calibrator

ABX Difftrol Twin Packs (2 x 3 mL vial)

2062207	ABX Difftrol - 2L + floppy	Pentra 60 C+ / Pentra 60
2062203	ABX Difftrol - 2N + floppy	Pentra 60 C+ / Pentra 60
2062208	ABX Difftrol - 2H + floppy	Pentra 60 C+ / Pentra 60

ABX Minotrol 16 Twin Packs (2 x 2.5 mL vial)

2042208	ABX Minotrol 16 - 2L	Pentra 60 C+ / Pentra 60
2042202	ABX Minotrol 16 - 2N	Pentra 60 C+ / Pentra 60
2042209	ABX Minotrol 16 - 2H	Pentra 60 C+ / Pentra 60

ABX Minocal (2 mL vial)

2032002	ABX Minocal: 1 x 2 mL	Calibration for all HORIBA Medical systems
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N: normal level, H: high level, L: low level

Consumables

1192006	Toner Cartridge (EPL 5700-5800)	Pentra 60 C+
1192009	Toner Cartridge (EPL 5900)	Pentra 60 C+
1192013	Toner Cartridge (EPL 6200)	Pentra 60 C+
1192011	Toner Cartridge (Lexmark E210)	Pentra 60 C+
1192016	Toner Cartridge (OKI B4200)	Pentra 60 C+
1192022	Toner Cartridge (OKI B4350)	Pentra 60 C+
1192002	Ribbon Cartridge (Epson LX 300)	Pentra 60
1192007	Photoconductive block (EPL 5700-5800)	Pentra 60 C+
1192014	Photoconductive block (EPL 6200)	Pentra 60 C+
1192018	Photoconductive block (OKI B4200)	Pentra 60 C+
1192017	Paper tray (OKI B4200)	Pentra 60 C+



ABX Micros 60

60 tests/hour

8 or 18* parameters

Open or closed* tube sampling

*option

ABX MICROS RANGE

Hematology analyser



ABX Micros ES60



ABX Micros 60 e-sat

ABX Micros ES60 / ABX Micros 60

Reference	Designation	System
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Reagents

0802010	ABX Minidil LMG 10 L	Micros 60 / Micros ES60
0702010	ABX Minilyse LMG 1 L	Micros 60 / Micros ES60
0403010	ABX Miniclean 1 L	Micros 60 / Micros ES60
0602050	ABX Minipack LMG	Micros 60 / Micros ES60
0604052	ABX VETPACK	ABC Vet / Micros ESV
0604051	Pack ABC Vet LMGE	ABC Vet
0401005	ABX Minoclair 0.5 L	For all HORIBA Medical systems

Blood control - Calibrator

ABX Minotrol 16 Twin Packs (2 x 2.5 mL vial)

2042208	ABX Minotrol 16 - 2L	Micros 60 / Micros ES60
2042202	ABX Minotrol 16 - 2N	Micros 60 / Micros ES60
2042209	ABX Minotrol 16 - 2H	Micros 60 / Micros ES60

ABX Minocal (2 mL vial)

2032002	ABX Minocal: 1 x 2 mL	Calibration for all HORIBA Medical systems
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N: normal level, H: high level, L: low level

Consumables

1103112	Thermal Paper Roll 57x48x12	e-Sat
1103113	Thermal Paper roll Micros ES60	Micros ES60
1192002	Ribbon Cartridge (Epson LX 300)	Micros 60
2052111	Memory Smartcard	Micros 60

60 tests/hour

18 parameters + CRP (2-200 mg/L)

Workstation* (ABX e-sat)

*option



ABX Micros CRP 200 e-sat

ABX MICROSCRP RANGE

Emergency analyzer



ABX Micros CRP 200

ABX Micros **CRP200** / ABX Micros **CRP**

Reference	Designation	System
Reagents		
0802010	ABX Minidil LMG 10 L	Micros CRP 200 / Micros CRP
0906004	ABX Alphalyse 0.4 L	Micros CRP 200 / Micros CRP
0403010	ABX Miniclean 1 L	Micros CRP
0903011	ABX Cleaner 0,5 L	Micros CRP 200 / Micros CRP
0501005	ABX CRP 100	Micros CRP
0501015	ABX CRP REA	Micros CRP 200

Blood control - Calibrator

ABX Minotrol CRP Twin Packs (2 x 2,5 mL vial)

2042205	ABX Minotrol CRP level 1	Micros CRP 200 / Micros CRP
2042206	ABX Minotrol CRP level 2	Micros CRP 200 / Micros CRP
2042207	ABX Minotrol CRP level 3	Micros CRP 200 / Micros CRP

Calibrator

0501008	ABX CRP Cal	Micros CRP
0501016	ABX CRP STD	Micros CRP 200
2032002	ABX Minocal: 1 x 2 mL	Calibration for all HORIBA Medical systems

N: normal level, H: high level, L: low level

Consumables

1103100	Thermal Paper Roll (DPU 414)	Micros CRP 200 / Micros CRP
1103112	Thermal Paper Roll 57x48x12	e-Sat

Simply the best choice
for your diagnostic testing

HORIBA Medical offers you an unrivalled choice of CE Marked reagents,

ng

CLINI



ABX Mira



ABX Pentra 400

including Enzymes, Substrates, Specific Proteins and Diabete Monitoring.

CALCHEMISTRY

22 Global Clinical Chemistry System ●

24 Enzymes and Substrates ●

25 Specific Proteins and Auxiliary Reagents ●

26 Calibrators and Controls ● ●

27 ISE ●

28 Consumables and Accessories ○



ABX Pentra liquid reagents

ABXPENTRA400

Clinical chemistry analyser



Reagent management



Sample management



Patient management



Up to 420 tests per hour with the ISE module
55 on-board parameters with back-up possibility
Integrated workstation and validation station



ABXPENTRA

Range of liquid reagents optimized for the Pentra 400

Reagents which simplify your organization

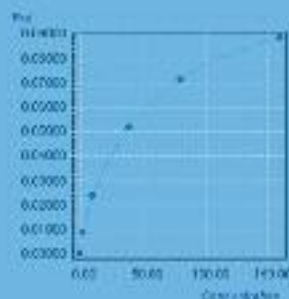
- > Number of tests per cassette to fit your use
- > Extended linearity and increased stability
- > Just one calibrator and two human controls to calibrate and control your routine analysis
- > Liquid stable specific protein calibrators

Enzymes and substrates

- > CE marked applications for plasma, serum and urine
- > Less post-dilution due to greater linearity
- > Based on the latest research in clinical chemistry and complies with international recommendations (IFCC)

Specific proteins

- > CE marked applications for serum, plasma whole blood or hemolysate (HbA1c), and urine (microalbumin)
- > Standardized and compliant with international recommendations
 - All specific proteins are standardized against CRM 470
 - HbA1c methodologies on whole blood or hemolysate are CGSP-certified
- > Purified and concentrated antisera
 - Long shelf-life (up to 5 years)
 - No risk of antigen excess on IgA, IgG, IgM



CRP latex
calibration curve
on ABX Pentra 400

ENZYMES & SUBSTRATES



Reference	Designation	Formulation	Container Format	Number of tests	Calibrators	Controls
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Enzymes

A11A01626	ALP CP	IFCC	Cassette	125	1	16, 17
A11A01627	ALT CP	IFCC	Cassette	250	1	16, 17
A11A01629	AST CP	IFCC	Cassette	250	1	16, 17
A11A01628	Amylase CP	EPS-G7	Cassette	125	1	16, 17, 35
A11A01632	CK NAC CP	IFCC / DGKC	Cassette	125	1	16, 17, 18
A11A01643	CK-MB RTU	NAC Immuno-inhibition	Vial	125	N/A	18
A11A01630	GGT CP	SZAZ Carboxylated Substrate	Cassette	250	1	16, 17
A11A01824	LDH CP	DGKC	Cassette	125	1	16, 17
A11A01871	LDH IFCC CP	IFCC	Cassette	125	1	16, 17
A11A01631	Lipase CP	Colorimetric	Cassette	100	1	16, 17

Substrates

A11A01664	Albumin CP	Bromocresol Green	Cassette	327	1	16, 17
A11A01639	Total Bilirubin CP	DCA	Cassette	200	1	16, 17
A11A01635	Direct Bilirubin CP	DCA	Cassette	100	1	16, 17
A11A01633	Calcium CP	OCP	Cassette	250	1	16, 17, 35
A11A01894	Calcium AZ III CP	Arsenazo III	Cassette	250	1	16, 17, 35
A11A01634	Cholesterol CP	Chol. esterase / Chol. oxidase	Cassette	344	1	16, 17
A11A01636	HDL, Direct CP	Polyanions	Cassette	240	2	16, 17
A11A01638	LDL, Direct CP	Detergent / Chol Oxidase/ Esterase	Cassette	100	3	16, 17
A11A01645	CO2 RTU	UV Enzymatic	Vial	200 (2 x 100)	4	19
A11A01868	Creatinine 120 CP	Jaffe / Alkaline Picrate	Cassette	120	1	16, 17
A11A01679	Fructosamine	NBT	Vial	600 (6 x 100)	15	28, 29
A11A01668	Glucose PAP CP	Peroxidase	Cassette	295	1	16, 17, 35
A11A01667	Glucose HK CP	Glucose Hexokinase	Cassette	200	1	16, 17, 35
A11A01637	Iron CP	Ferene	Cassette	282	1	16, 17
A11A01721	Lactic Acid	Lactate oxidase / Peroxidase	Vial	260 (10 x 26)	1	16, 17
A11A01646	Magnesium RTU	Xylidyl Blue	Vial	200 (2 x 100)	1	16, 17
A11A01665	Phosphorus CP	Ammonium Molybdate UV	Cassette	100	1	16, 17, 35
A11A01669	Total Protein CP	Biuret	Cassette	300	1	16, 17
A11A01867	Total Protein 100 CP	Biuret	Cassette	100	1	16, 17
A11A01640	Triglycerides CP	PAP	Cassette	295	1	16, 17
A11A01670	Uric Acid CP	Uricase / Peroxidase	Cassette	220	1	16, 17, 35
A11A01641	Urea CP	GLDH	Cassette	220	1	16, 17, 35
A11A01642	Urinary Proteins CP	Pyrogallol red	Cassette	100	5	35

SPECIFIC PROTEINS & AUXILIARY REAGENTS

Specific Proteins ●

Reference	Designation	Formulation	Container Format	Number of tests	Calibrators	Controls	Auxiliary Reagents
A11A01693	Alpha 1-Antitrypsin	TIA	Vial	660	13	26	30, 33
A11A01687	Apo A1	TIA	Vial	215	14	27	30, 33
A11A01688	Apo B	TIA	Vial	300	14	27	30, 33
A11A01612	ASO CP	Latex TIA	Cassette	100	7	21	
A11A01689	C3c	TIA	Vial	660	13	26	30, 33
A11A01690	C4c	TIA	Vial	160	13	26	31, 33
A11A01694	Ceruloplasmin	TIA	Vial	220	13	26	31, 33
A11A01611	CRP CP	Latex TIA	Cassette	200	6	21, 24	Saline
A11A01614	Ferritin CP	Latex TIA	Cassette	100	8	22	Saline
A11A01697	Haptoglobin	TIA	Vial	690	13	26	30, 33
A11A01702	HbA1c WB	Latex TIA	Vial	345	12	25	(34)
A11A01683	IgA	TIA	Vial	100	13	26	32, Saline
A11A01684	IgG	TIA	Vial	100	13	26	32, Saline
A11A01685	IgM	TIA	Vial	100	13	26	32, Saline
A11A01691	Kappa	TIA	Vial	300	13	26	30, 33
A11A01692	Lambda	TIA	Vial	300	13	26	30, 33
A11A01623	Micro-albumin CP	TIA	Cassette	150	11	23	Saline
A11A01615	Myoglobin CP	Latex TIA	Cassette	100	10	22	
A11A01696	Orosomucoid	TIA	Vial	438	13	26	31, 33
A11A01695	Prealbumin	TIA	Vial	200	13	26	31, 33
A11A01613	RF CP	Latex TIA	Cassette	100	9	21	Saline
A11A01686	Transferrin	TIA	Vial	100	13	26	32, Saline

Auxiliary Reagents ●

Reference	Designation	Formulation	Container Format	Volume	Products #
A11A01655	Accelerator I CP	Buffer	Cassette	99 mL	30
A11A01656	Accelerator II CP	Buffer	Cassette	99 mL	31
A11A01662	Sample Diluent CP	Buffer	Cassette	99 mL	33
A11A01730	HbA1c WB Hemolysis Reagent	Hemolysing	Vial	110 mL	34

CALIBRATORS & CONTROLS



Reference	Designation	Formulation	Container Format	Level Description	Products #
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Calibrators ●

A11A01652	MultiCal	Lyo	10 x 3 mL	--	1
A11A01647	HDL Cal	Lyo	2 x 1 mL	--	2
A11A01678	LDL Cal	Lyo	2 x 1 mL	--	3
A11A01648	CO2 Cal	RTU	3 x 3 mL	--	4
A11A01673	UrineCal	RTU	3 x 1 mL	--	5
A11A01616	CRP Cal	RTU	5 x 1 mL	2.5, 10, 40, 80, 160 mg/L	6
A11A01617	ASO Cal	RTU	4 x 1 mL	500 IU/mL	7
A11A01619	Ferritin Cal	RTU	4 x 1 mL	500 ng/mL	8
A11A01618	RF Cal	RTU	5 x 1 mL	10, 20, 40, 80, 120 IU/mL	9
A11A01620	Myoglobin Cal	RTU	5 x 1 mL	0, 62.5, 125, 250, 500 ng/mL	10
A11A01624	μ-Alb Cal	RTU	5 x 1 mL	12.5, 25, 50, 100, 200 mg/L	11
A11A01703	HbA1c WB Cal	RTU	1 x 8 mL + 5 x 2 mL	--	12
A11A01698	Protein Cal	RTU	4 x 1 mL	--	13
A11A01773	Apo Cal	Lyo	2 x 1 mL	--	14
A11A01680	Fructo Cal	Lyo	3 x 1 mL	--	15

Controls ●

A11A01653	N Control	Lyo	10 x 5 mL	16
A11A01654	P Control	Lyo	10 x 5 mL	17
A11A01786	CK Control	Lyo	4 x 3 mL	18
A11A01650	CO2 Control	RTU	3 x 3 mL	19
A11A01621	Immuno I Control L/H	Lyo	1 x 3 mL + 1 x 3 mL	21
A11A01622	Immuno II Control L/H	Lyo	1 x 3 mL + 1 x 3 mL	22
A11A01625	μ-Alb Control L/H	RTU	2 x 1 mL + 2 x 1 mL	23
A11A01731	Low CRP Control	RTU	4 x 1 mL	24
A11A01704	HbA1c WB Control	Lyo	2 x 0.25 mL + 2 x 0.25 mL	25
A11A01700	Protein Control L/H	RTU	2 x 1 mL + 2 x 1 mL	26
A11A01774	Apo Control L/H	Lyo	1 mL + 1 mL	27
A11A01681	Fructo Control N	Lyo	3 x 1 mL	28
A11A01682	Fructo Control P	Lyo	3 x 1 mL	29
A11A01674	Urine Control L/H	RTU	1 x 10 mL + 1 x 10 mL	35

ISE :

Electrodes, Solutions and Standards

Reference	Designation	Formulation	Container Format	Capacity
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Pentra 400 ISE ●

A11A01717	Standard 1	RTU	Bottle	280 mL
A11A01718	Standard 2	RTU	Bottle	100 mL
A11A01719	Reference	RTU	Bottle	100 mL
A11A01738	Sodium-E	RTU	Electrode	1
A11A01739	Chloride-E	RTU	Electrode	1
A11A01740	Potassium-E	RTU	Electrode	1
A11A01741	Reference-E	RTU	Electrode	1
A11A01769	Etching CP	RTU	Cassette	25 mL



MIRA ISE ●

B0725684	Standard 1	RTU	Bottle	250 mL
B0725692	Standard 2	RTU	Bottle	60 mL
B0725706	Reference	RTU	Bottle	60 mL
B0738107	Etcher	RTU	Bottle	120 mL
B1039415	Chloride Electrode	RTU	Package	1
B1029355	Potassium Electrode	RTU	Package	1
B1029371	Sodium Electrode	RTU	Package	1
B1029398	Reference Electrode	RTU	Package	1



CONSUMABLES

Pentra 400 Consumables & Accessories

Reference	Designation	Pack Size
B1039865	Cuvette Segments (Racks)	300
A11A01485	Cuvette Segments (Racks)	450
A11A01765	Sample Cup - Blue	1000
A11A01766	Sample Cup - Green	1000
A11A01767	Sample Cup - White	1000
A11A01768	Sample Cup - Yellow	1000
B8086648	100 µL Teflon Seal	10
B8086583	1000 µL + 500 µL O'Rings	10
B8086605	1000 µL Teflon Seal	10
B1034626	10 mL Reag Cup	100
B1037307	15 mL Reag Cup	100
B1034634	4 mL Reag cup	100
B8089078	Liq. Elem + Gasket Ring Filter	1
B8078955	Reagent Syringe (1000 µL)	1
B8076812	Sample Syringe (100 µL)	1
B8088454	Seal Replacement Tool	1
HAX0166	Sample Rack Stickers - # 01 to 10	1
HAX0167	Sample Rack Stickers - # 11 to 20	1
HAX0168	Sample Rack Stickers - # 21 to 30	1
HAX0169	Sample Rack Stickers - # 31 to 40	1
HAX0170	Sample Cup Rack Stickers - # 41 to 50	1
HAX0171	Sample Cup Rack Stickers - # 51 to 60	1
HAX0172	Sample Cup Rack Stickers - # 61 to 70	1
HAX0173	Calibrator Sample Rack Stickers - # 71 to 84	1
HAX0174	Control Sample Rack Stickers - # 85 to 99	1
HAX0175	Reagent Rack Stickers - # 60 to 69	1
HAX0176	Reagent Rack Stickers - # 70 to 79	1
HAX0177	Reagent Rack Stickers - # 80 to 89	1
HAX0178	Reagent Rack Stickers - # 90 to 99	1
HAX0188	Calibrator Reagent Rack Stickers - # 01 to 15	1
HAX0189	Calibrator Reagent Rack Stickers - # 16 to 29	1
HAX0190	Control Reagent Rack Stickers - # 30 to 44	1
HAX0191	Control Reagent Rack Stickers - # 45 to 59	1
XEA778CS	Sample Rack + Adaptors	1
XDA968A	Tube Adaptors	5
XDA849A	Reagent Rack + Adaptors	1
XEA780AS	4 mL Vial Adaptors	3
XEA781AS	10 mL Vial Adaptors	3
XEA782AS	Sample Cup Adaptors	3
XEA783AS	Waste Container	1
XEA935AS	Cleaning kit for Chloride electrode	1
LBH004A	Water Container	1
XDA805B	Biocup Holder	1
XDA850A	Cal/Ctrl Reagent Rack + Adaptors	1
HAX0179	Sample Rack Stickers - # 1 to 10 (2 of 5 Int.)	1
HAX0180	Sample Rack Stickers - # 11 to 20 (2 of 5 Int.)	1
HAX0181	Sample Rack Stickers - # 21 to 30 (2 of 5 Int.)	1
HAX0182	Sample Rack Stickers - # 31 to 40 (2 of 5 Int.)	1
HAX0183	Sample Cup Rack Stickers - # 41 to 50 (2 of 5 Int.)	1
HAX0184	Sample Cup Rack Stickers - # 51 to 60 (2 of 5 Int.)	1
HAX0185	Sample Cup Rack Stickers - # 61 to 70 (2 of 5 Int.)	1
HAX0186	Calibrator Sample Rack Stickers - # 71 to 84 (2 of 5 Int.)	1
HAX0187	Control Sample Rack Stickers - # 85 to 99 (2 of 5 Int.)	1
GBM0738	Lamp bulb	1
A11A01758	Qualitest Solution	30 mL
A11A01755	Clean-Chem CP	30 mL
A11A01754	Deproteinizer CP	30 mL
A11A01789	Clean-Chem 99 CP	4 x 99 mL
A11A01851	Dummy Electrode	1
A11A01572	4 mL Nalgene Vials	12

& ACCESSORIES



Mira Consumables & Accessories

Reference	Designation	Pack Size
B1039865	Cuvette Segments (Racks)	300
A11A01485	Cuvette Segments (Racks)	450
A11A01765	Sample Cup - Blue	1000
A11A01766	Sample Cup - Green	1000
A11A01767	Sample Cup - White	1000
A11A01768	Sample Cup - Yellow	1000
B8078688	# 1-25 Rack Label - Grey	1
B8088357	# 1-25 Rack Label - Yellow	1
B8088284	# 1-5 Sample Cal-Cs 30 Rack Label	1
B8078319	# 1-5 Sample 30 Rack Label	1
B8077339	# 6-10 Sample 30 Rack Label	1
B8086648	100 µL Teflon Seal	10
B8086583	1000 µL + 500 µL O'Rings	10
B8086605	1000 µL Teflon Seal	10
B1034626	10 mL Reag Cup	100
B1037307	15 mL Reag Cup	100
B1037293	35 mL Reag Container	100
B8111278	3 L Waste Bottle	1
B8111251	3 L Water Bottle	1
B8086699	40 µM Sieve	10
B1034634	4 mL Reag cup	100
B8078963	Calibration Rack	1
B0757144	Check Sample Solution	25 mL
B8078343	C-Mira + Sample Tip	3
B8077347	C-Mira Reagent Tip (ID 0.6)	5
B0732915	Deproteinizing solution	120 mL
B8088349	End of Rack Label	10
B8089078	Liq. Elem + Gasket Ring Filter	1
B8089086	Liquid Filter Assy	1
B8088292	Label Sheet for Keys	1
B8088365	Mira + Keypad Label	1
B8078262	Mira ISE Small Tubing Set	1
B8077975	Mira ISE Tubing Set	1
B8088446	Plastic Rack Cover	1
B8077053	Reagent 10 Rack	1
B8077932	Reagent 5s Rack	1
B8078955	Reagent Syringe (1000 µL)	1
B8088527	Sample 16A Rack	1
B8088535	Sample 16B Rack	1
B8077193	Sample 30/Cal-Cs 30 Rack	1
B8076812	Sample Syringe (100 µL)	1
B8088454	Seal Replacement Tool	1
B8700637	Silicon Seal	5
B8089418	Teflon Tubing	2 meters
B8111162	Test Name Label	1
A11A01579	Therm Paper 110 mm	5
B8700638	Thin Seal	5
B8078653	Washtower Foam Insert	6
A11A01759	MBU 120 mL Vial	20
B0711187	Tip Cleaner	250 mL
A11A01758	Qualitest Solution	30 mL
A11A01572	4 mL Nalgene Vials	12



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A large, stylized orange butterfly is the central graphic, with its wings spread. The wings feature a pattern of lighter orange circles. A thin, flowing yellow line curves around the butterfly. The background is a soft, light orange gradient.

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