

**DIA.
PRO**

**Product Catalogue
2017-2018**

*Your IVD
specialists!*



www.diapro.it



Made in Italy, distributed worldwide.

Dia.Pro Diagnostic Bioprobes srl is a Global key player in *in vitro* diagnostics

Dia.Pro manufactures and markets a wide range of high-quality infectious disease assays and automated solutions worldwide.

Our commitment is to enable our customers around the world provide efficient and reliable diagnosis for patients based on clinical value.

All our *in vitro* products (Reagents and Automated solutions) are CE marked and strictly comply with requirements of the European *in vitro* Diagnostic Directive (IVDD) 98/79/EC.

The complete manufacturing process of Dia.Pro's products, from the Production of Raw Material to the Quality Control Release, is carried out in our ISO 9001 & 13485 certified facility (3,000 square meters) located in Milan, Italy.

Our deliveries are managed efficiently, as to answer our customers' needs, by supplying complete orders. We are recognised for our flexible and competitive prices, as well as our commitment to excellence in Customer Service.

Summary



ELISA

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ELISA SYSTEM

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Molecular Diagnostics

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SARA Chemiluminescence ImmunoAssays

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ELISA

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Code	Kit Name	Description	Tests n.
Codice	Nome kit	Descrizione	n. Test
Code	Nom Kit	La Description	Essais
Codigo	Kit Nombre	Descripcìon	Pruebas
رمز	م كيت	فصوص	اختبارات

BLOOD SCREENING MARKERS

Hepatitis B

SAG1ULTRA.CE.96	HBs Ag one version ULTRA	(screening & mutants)	96
SAG1ULTRA.CE	HBs Ag one version ULTRA	(screening & mutants)	192
SAG1ULTRA.CE.480	HBs Ag one version ULTRA	(screening & mutants)	480
SAG1ULTRA.CE.960	HBs Ag one version ULTRA	(screening & mutants)	960
BCAB.CE	HBc Ab	(screening)	96

Hepatitis C

CVAB.CE.96	HCV Ab	(version 4 - screening)	96
CVAB.CE	HCV Ab	(version 4 - screening)	192
CVAB.CE.480	HCV Ab	(version 4 - screening)	480
CVAB.CE.960	HCV Ab	(version 4 - screening)	960

Human T-cell Lymphotropic Virus (HTLV) I&II

HTLVABULTRA.CE.96	HTLV I&II Ab Version ULTRA	(screening)	96
HTLVABULTRA.CE	HTLV I&II Ab Version ULTRA	(screening)	192
HTLVABULTRA.CE.480	HTLV I&II Ab Version ULTRA	(screening)	480
HTLVABULTRA.CE.960	HTLV I&II Ab Version ULTRA	(screening)	960

Human Immunodeficiency Virus (HIV) 1,2&0

IVCOMB.CE.96	HIV Ab&Ag	(screening)	96
IVCOMB.CE	HIV Ab&Ag	(screening)	192
IVCOMB.CE.480	HIV Ab&Ag	(screening)	480
IVCOMB.CE.960	HIV Ab&Ag	(screening)	960

more >

Code	Kit Name	Description	Tests n.
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BLOOD SCREENING MARKERS

Treponema pallidum (Syphilis)

SIABULTRA.CE.96	Syphilis Ab Version ULTRA	(screening)	96
SIABULTRA.CE	Syphilis Ab Version ULTRA	(screening)	192
SIABULTRA.CE.480	Syphilis Ab Version ULTRA	(screening)	480
SIABULTRA.CE.960	Syphilis Ab Version ULTRA	(screening)	960
SIAB1ULTRA.CE.96	Syphilis Ab One Version ULTRA	(screening)	96
SIAB1ULTRA.CE	Syphilis Ab One Version ULTRA	(screening)	192
SIAB1ULTRA.CE.480	Syphilis Ab One Version ULTRA	(screening)	480
SIAB1ULTRA.CE.960	Syphilis Ab One Version ULTRA	(screening)	960

Trypanosoma Cruzi (Chagas)

TCAB.CE.96	T.cruzi Ab	(recAg screening)	96
TCAB.CE	T.cruzi Ab	(recAg screening)	192
TCAB.CE.480	T.cruzi Ab	(recAg screening)	480
TCAB.CE.960	T.cruzi Ab	(recAg screening)	960

Plasmodium (Malaria)

MALAB.CE.96	Malaria Ab	(recAg screening)	96
MALAB.CE.	Malaria Ab	(recAg screening)	192
MALAB.CE.480	Malaria Ab	(recAg screening)	480
MALAB.CE.960	Malaria Ab	(recAg screening)	960

Code	Kit Name	Description	Tests n.
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VIRAL HEPATITIS MARKERS

Hepatitis A

AVAB.CE	HAV Ab	(competitive)	96
AVM.CE	HAV IgM	(capture)	96

Hepatitis B

SAB.CE	HBs Ab	(quantitative)	96
SAG1ULTRA.CE.96	HBs Ag one version ULTRA	(screening & mutants)	96
SAG1ULTRA.CE	HBs Ag one version ULTRA	(screening & mutants)	192
SAG1ULTRA.CE.480	HBs Ag one version ULTRA	(screening & mutants)	480
SAG1ULTRA.CE.960	HBs Ag one version ULTRA	(screening & mutants)	960
SCONF.CE	HBs Ag Confirmation		20
SCONF.CE.40	HBs Ag Confirmation		40
BCAB.CE	HBc Ab	(screening)	96
BCM.CE	HBc IgM	(capture quantitative)	96
HBE.CE	HBe Ag&Ab		96

Hepatitis C

CVAB.CE.96	HCV Ab	(version 4 - screening)	96
CVAB.CE	HCV Ab	(version 4 - screening)	192
CVAB.CE.480	HCV Ab	(version 4 - screening)	480
CVAB.CE.960	HCV Ab	(version 4 - screening)	960
CVM.CE	HCV IgM	(sandwich)	96
CCONF.CE	HCV Ab confirmation		12

Hepatitis D

DAB.CE	HDV Ab	(total antibody)	96
DAG.CE	HDV Ag		96
DIM.CE	HDV IgM	(capture)	96

Hepatitis E

EVABULTRA.CE.96	HEV Ab Version ULTRA	(screening)	96
EVG.CE	HEV IgG	(sandwich)	96
EVM.CE	HEV IgM	(qualitative)	96

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Code	Nom Kit	La Description	Essais
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TORCH MARKERS

Cytomegalovirus

CMVG.CE	CMV IgG	(quantitative)	96
CMVM.CE	CMV IgM	(capture)	96
CMVAV	CMV Antibody Avidity Test	(NOT CE)	48

Toxoplasma gondii

TOXOG.CE	Toxo IgG	(quantitative)	96
TOXOM.CE	Toxo IgM	(capture)	96
TOXOAV	Toxo Antibody Avidity Test	(NOT CE)	48

Rubella Virus

RUBG.CE	RUB IgG	(quantitative)	96
RUBM.CE	RUB IgM	(capture)	96
RUBAV	RUB Antibody Avidity Test	(NOT CE)	48

Herpes Simplex Virus

HSV1G.CE	HSV1 IgG	(quantitative)	96
HSV2G.CE	HSV2 IgG	(quantitative)	96
HSV1M.CE	HSV1 IgM	(capture)	96
HSV2M.CE	HSV2 IgM	(capture)	96
HSVG.CE	HSV1&2 IgG	(quantitative)	96
HSVM.CE	HSV1&2 IgM	(capture)	96

SEROLOGY MARKERS

Epstein Barr Virus

VCAA.CE	EBV VCA IgA		96
VCAG.CE	VCA IgG	(quantitative)	96
VCAM.CE	VCA IgM	(capture)	96
EBNG.CE	EBNA IgG	(quantitative)	96
EBNM.CE	EBNA IgM	(quantitative)	96
EAG.CE	Ea IgG		96
EAM.CE	Ea IgM		96
EBAV	EBV Avidity Test	(NOT CE)	48

Code	Kit Name	Description	Tests n.
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SEROLOGY MARKERS

Helicobacter Pylori

HPG.CE	HP IgG	(Pylori quantitative)	96
HPM.CE	HP IgM	(Pylori quantitative)	96
HPA.CE	HP IgA	(Pylori quantitative)	96
CAGA.CE	CagA IgA	(quantitative)	96
CAGG.CE	CagA IgG	(quantitative)	96
HPAG.CE	HP Ag		48
K.ESTR	Extraction Kit for H.Pylori Ag		48

Coxsackie B Virus

COXBG.CE	CoxB IgG		96
COXBM.CE	CoxB IgM		96

Measles Virus

MEAG.CE	Measles virus IgG		96
MEAM.CE	Measles virus IgM		96

Meningitis

MENG.CE	Meningitis IgG		96
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Treponema pallidum (Syphilis)

SIM.CE	SYPH IgM	(qualitative)	96
SIABULTRA.CE.96	Syphilis Ab Version ULTRA	(screening)	96
SIABULTRA.CE	Syphilis Ab Version ULTRA	(screening)	192
SIABULTRA.CE.480	Syphilis Ab Version ULTRA	(screening)	480
SIABULTRA.CE.960	Syphilis Ab Version ULTRA	(screening)	960
SIAB1ULTRA.CE.96	Syphilis Ab One Version ULTRA	(screening)	96
SIAB1ULTRA.CE	Syphilis Ab One Version ULTRA	(screening)	192
SIAB1ULTRA.CE.480	Syphilis Ab One Version ULTRA	(screening)	480
SIAB1ULTRA.CE.960	Syphilis Ab One Version ULTRA	(screening)	960

Chlamidiae

CPA.CE	Chlamydia Pneumoniae IgA		96
CPG.CE	Chlamydia Pneumoniae IgG		96
CPM.CE	Chlamydia Pneumoniae IgM		96
CTA.CE	Chlamydia Trachomatis IgA		96
CTG.CE	Chlamydia Trachomatis IgG		96
CTM.CE	Chlamydia Trachomatis IgM		96

Code	Kit Name	Description	Tests n.
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SEROLOGY MARKERS

Parvo Virus B19

PARVOG.CE	Parvovirus B19 IgG		96
PARVOM.CE	Parvovirus B19 IgM		96

Human Papilloma Virus

HPVG	Papilloma Virus IgG	R.U.O	96
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EMERGING VIRUSES

Trypanosoma Cruzi (Chagas)

TCAB.CE.96	T.cruzi Ab	(recAg screening)	96
TCAB.CE	T.cruzi Ab	(recAg screening)	192
TCAB.CE.480	T.cruzi Ab	(recAg screening)	480
TCAB.CE.960	T.cruzi Ab	(recAg screening)	960

Plasmodium (Malaria)

MALAB.CE.96	Malaria Ab	(recAg screening)	96
MALAB.CE	Malaria Ab	(recAg screening)	192
MALAB.CE.480	Malaria Ab	(recAg screening)	480
MALAB.CE.960	Malaria Ab	(recAg screening)	960

West Nile Virus

WNAB.CE	West Nile Virus Antibodies	(screening)	96
WNAB.CE.192	West Nile Virus Antibodies	(screening)	192
WNG.CE	West Nile Virus IgG		96
WNM.CE	West Nile Virus IgM		96

Dengue Virus

DENG.CE	Dengue virus IgG		96
DENM.CE	Dengue virus IgM		96
DENS1AG.CE	Dengue virus NS1 Ag		96

Zika Virus

ZIKVM.CE	ZIKV IgM		96
ZIKVG.CE	ZIKV IgG		96
ZIKVAV.CE	ZIKV IgG Avidity Test		48

Chikungunya

CHIKVG.CE	Chikungunya Virus IgG		96
CHIKVM.CE	Chikungunya Virus IgM		96

Code	Kit Name	Description	Tests n.
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RETROVIRUSES

Human Immunodeficiency Virus (HIV) 1,2&0

IVCOMB.CE.96	HIV Ab&Ag	(screening)	96
IVCOMB.CE	HIV Ab&Ag	(screening)	192
IVCOMB.CE.480	HIV Ab&Ag	(screening)	480
IVCOMB.CE.960	HIV Ab&Ag	(screening)	960
IVP24	HIV p24 Antigen	(NOT CE)	96

Human T-cell Lymphotropic Virus (HTLV) I&II

HTLVABULTRA.CE.96	HTLV I&II Ab Version ULTRA	(screening)	96
HTLVABULTRA.CE	HTLV I&II Ab Version ULTRA	(screening)	192
HTLVABULTRA.CE.480	HTLV I&II Ab Version ULTRA	(screening)	480
HTLVABULTRA.CE.960	HTLV I&II Ab Version ULTRA	(screening)	960
HTLVTYPE	HTLV I&II Ab typing	(NOT CE)	24

Code	Kit Name	Description	Tests n.
Codice	Nome kit	Descrizione	n.Test
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Codigo	Kit Nombre	Descripción	Pruebas
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AUTOIMMUNITY

SSA52.CE	IgG anti SSA 52kD	(rec Ag) Quantitative	96
SSA60.CE	IgG anti SSA 60kD	(rec Ag) Quantitative	96
SSB.CE	IgG anti SSB	(rec Ag) Quantitative	96
RNP.CE	IgG anti U1 – sn RNP68	(rec Ag) Quantitative	96
DSDNA.CE	IgG anti dsDNA	(plasmidic Ag) Quantitative	96
SM.CE	IgG anti Sm	(native Ag) Quantitative	96
CENPB.CE	IgG anti Centromere B	(rec Ag) Quantitative	96
JO1.CE	IgG anti Jo-1	(rec Ag) Quantitative	96
SCL70.CE	IgG anti Scl-70	(rec Ag) Quantitative	96
ANAS.CE	ANA Screening IgG		96
ENAS.CE	ENA Screening IgG		96
ANA8PRO.CE	ANA 8 parameters profile		12
ENA6PRO.CE	ENA 6 parameters profile		12



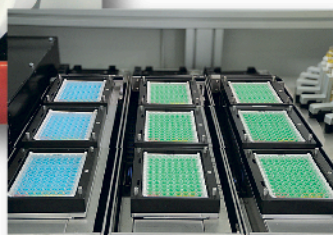
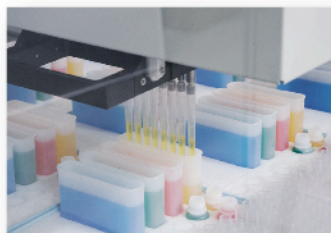
DIA.BLOod

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DIA.BLOod format KITS

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DIA. BLO_{OD}



**Designed for Blood Screening and
large volume testing**

**Simple
Intuitive**

**Process Security
Flexible Process Control**

Technical specifications

Hardware features Integrated with touch-screen monitor could be split in two, for easy transportation & installation

Installation conception	Plug&Play
Tip configuration	8 tips
Tip types	HDPE disposable tips (5-1000 µl)
Syringe size	1000µl
Incubators	9 independent
Washers	3 independent

Digital camera **Liquid sampling monitoring system** Application only upon specific request

Liquid handling features

Pipetting precision	Volume	CV (%)	
Standard volume	10 µl	< (5%)	
	100 µl	< (3%)	
Liquid detection	Pressure sensor & clot detector		
Minimum detectable volume	Up to 200 µl in sample tube up to 500µl in control, up to 2ml in reagent vial		

Sample loading range

Sample loading range	Variable, starting with 8 sample tubes per grid up to 288 samples.(36 grids)
Sample loading	Continuous loading mode: variable, starting with 8 samples up to 792 samples depending on work-list
Test processing	Variable, from 1 assay up to 36 assays
Sample input format	Sample tube diameter from approx. 10 up to 15 (mother and standard cube)
Pre-dilution option	3 different plate sites for preset or customer defined pre-dilution Dispensing verification system (CD Camera).
Sample & Reagents control	Application only upon specific request

Barcode identification **Sample tubes, micro-plates, kit-box reagents**

Supported formats	Code 39, Code 128, Interleaved 2 of 5, Coda bar, HIBC code (Health Industry Bar Code)
Bar-code function	Sample-ID, plate-ID, kit type-ID with recording of lot number and expiry date

Incubator system	
Incubator system	One chassis consisting of 3 independent plate positions, with 3 independent incubators
Shaker	3 independent shakers with variable speed (350 rpm to 700 rpm)
Temperature range	From 20°C (room temperature) up to 40°C with accuracy of +/- 0.5°C
Washer system	
Washer module	3 independent washers included in the incubator system
Washer manifold	8-channel manifold
Wash channels	4 common channels for wash buffer which are linked to 4 containers of 5 L and 2 containers of 10 L for waste/each with loading cell
Wash mode	Strip or plate mode with or without soaking time
Reader	
Light source	Led-light (lifetime guarantee)
Measurement range	0-4.0 OD
Wavelength selection	400-700 nm: 2 filters are supplied (selection between 5 of which: 405nm, 450nm, 492nm, 530nm, 630nm) upgradable up to 4 filters
Measurement time	Single wavelength: 10 seconds; dual wavelength: 15
Chemiluminescence Reader	End Point Chemiluminescence <i>Application only upon specific request</i>
Measurement range	1 to 1 million RLU
Measurement time	1 minute
Software	
Operating system Windows 7	
Interface	Ethernet
Diagnostic	Remote access control for: firmware upgrade, analytic script test upgrade, auto-diagnostic check and reporting
Dimension	
Height	194 cm.
Width	240 cm.
Depth	102 cm.
Weight	450 KG
Power supply requirements	Power: 1200VA Voltage: 220 V frequency: 50/60Hz
Compliance	CE IVD directive 98/79/EC CB Certified
Operating lab condition	Temperature 15°C-50°C, relative humidity 30-80%

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رمز	اسم كیت	فوص	اختبارات
DIA.BLOod Screening kit format			
CVAB.CE.DB	HCV Ab	(screening)	192
SAG1ULTRA.CE.DB	HBs Ag one version ULTRA	(screening)	192
HTLVABULTRA.CE.DB	HTLV I&II Ab Version ULTRA	(screening)	192
IVCOMB.CE.DB	HIV Ab&Ag	(screening)	192
TCAB.CE.DB	T.cruzi Ab	(recAg screening)	192
MALAB.CE.DB	Malaria Ab	(recAg screening)	192
WNAB.CE.DB	West Nile Virus Antibodies	(screening)	192
SIABULTRA.CE.DB	Syphilis Ab Version ULTRA	(screening)	192





Molecular Diagnostics

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Codigo	Kit Nombre	Descripciòn	Pruebas
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HEPATITIS

Hepatitis B

HBVDNAQT.CE.25	HBV DNA	Quantitation (QT)	25
HBVDNAQT.CE	HBV DNA	Quantitation (QT)	50
HBVDNAQT.CE.100	HBV DNA	Quantitation (QT)	100
HBVDNAQT.CE.150	HBV DNA	Quantitation (QT)	150

Hepatitis Delta

DRNA.CE.25	HDV RNA	Quantitation (QT)	25
DRNA.CE	HDV RNA	Quantitation (QT)	50
DRNA.CE.100	HDV RNA	Quantitation (QT)	100
DRNA.CE.150	HDV RNA	Quantitation (QT)	150

TRANSPLANTATION

Cytomegalovirus

CMVDNAQT.2G.CE.25	CMV DNA Quantitation (QT) 2nd Generation	25
CMVDNAQT.2G.CE	CMV DNA Quantitation (QT) 2nd Generation	50
CMVDNAQT.2G.CE.100	CMV DNA Quantitation (QT) 2nd Generation	100
CMVDNAQT.2G.CE.150	CMV DNA Quantitation (QT) 2nd Generation	150

Herpes Simplex Virus 1

HSV1DNAQT.CE.25	HSV1 DNA Quantitation (QT)	25
HSV1DNAQT.CE	HSV1 DNA Quantitation (QT)	50
HSV1DNAQT.CE.100	HSV1 DNA Quantitation (QT)	100
HSV1DNAQT.CE.150	HSV1 DNA Quantitation (QT)	150

Code	Kit Name	Description	Tests n.
Codice	Nome kit	Descrizione	n.Test
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TRANSPLANTATION

Herpes Simplex Virus 2

HSV2DNAQT.CE.25	HSV2 DNA	Quantitation(QT)	25
HSV2DNAQT.CE	HSV2 DNA	Quantitation(QT)	50
HSV2DNAQT.CE.100	HSV2 DNA	Quantitation(QT)	100
HSV2DNAQT.CE.150	HSV2 DNA	Quantitation(QT)	150

Herpes Virus 6

HHV6DNAQT.CE.25	HHV6 DNA	Quantitation(QT)	25
HHV6DNAQT.CE	HHV6 DNA	Quantitation(QT)	50
HHV6DNAQT.CE.100	HHV6 DNA	Quantitation(QT)	100
HHV6DNAQT.CE.150	HHV6 DNA	Quantitation(QT)	150

Herpes Virus 8

HHV8DNAQT.CE.25	HHV8 DNA	Quantitation(QT)	25
HHV8DNAQT.CE	HHV8 DNA	Quantitation(QT)	50
HHV8DNAQT.CE.100	HHV8 DNA	Quantitation(QT)	100
HHV8DNAQT.CE.150	HHV8 DNA	Quantitation(QT)	150

Epstein Barr Virus

EBVDNAQT.CE.25	EBV DNA	Quantitation(QT)	25
EBVDNAQT.CE	EBV DNA	Quantitation(QT)	50
EBVDNAQT.CE.100	EBV DNA	Quantitation(QT)	100
EBVDNAQT.CE.150	EBV DNA	Quantitation(QT)	150

Code	Kit Name	Description	Tests n.
Codice	Nome kit	Descrizione	n.Test
Code	Nom Kit	La Description	Essais
Codigo	Kit Nombre	Descripción	Pruebas
رمز	م كیت	فوص	اختبارات

TRANSPLANTATION

Varicella Zoster Virus

VZVDNAQT.CE.25	VZV DNA	Quantitation(QT)	25
VZVDNAQT.CE	VZV DNA	Quantitation(QT)	50
VZVDNAQT.CE.100	VZV DNA	Quantitation(QT)	100
VZVDNAQT.CE.150	VZV DNA	Quantitation(QT)	150

BK Virus

BKVDNAQT.CE.25	BKV DNA	Quantitation(QT)	25
BKVDNAQT.CE	BKV DNA	Quantitation(QT)	50
BKVDNAQT.CE.100	BKV DNA	Quantitation(QT)	100
BKVDNAQT.CE.150	BKV DNA	Quantitation(QT)	150

JC Virus

JCVDNAQT.CE.25	JCV DNA	Quantitation(QT)	25
JCVDNAQT.CE	JCV DNA	Quantitation(QT)	50
JCVDNAQT.CE.100	JCV DNA	Quantitation(QT)	100
JCVDNAQT.CE.150	JCV DNA	Quantitation(QT)	150

Enterovirus spp

ENTERORNA.CE.25	ENTEROVIRUS RNA		25
ENTERORNA.CE	ENTEROVIRUS RNA		50
ENTERORNA.CE.100	ENTEROVIRUS RNA		100
ENTERORNA.CE.150	ENTEROVIRUS RNA		150

Code	Kit Name	Description	Tests n.
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MISCELLANY

Toxoplasma gondii

TOXODNA.CE.25	Toxoplasma Gondii DNA	25
TOXODNA.CE	Toxoplasma Gondii DNA	50
TOXODNA.CE.100	Toxoplasma Gondii DNA	100
TOXODNA.CE.150	Toxoplasma Gondii DNA	150

Legionella pneumophila

LEPDNA.CE.25	LEGIONELLA PNEUMOPHILA DNA	25
LEPDNA.CE	LEGIONELLA PNEUMOPHILA DNA	50
LEPDNA.CE.100	LEGIONELLA PNEUMOPHILA DNA	100
LEPDNA.CE.150	LEGIONELLA PNEUMOPHILA DNA	150

Trypanosoma cruzi (Chagas Disease)

TCRUZIDNA.CE.25	TRYPANOSOMA CRUZI DNA	25
TCRUZIDNA.CE	TRYPANOSOMA CRUZI DNA	50
TCRUZIDNA.CE.100	TRYPANOSOMA CRUZI DNA	100
TCRUZIDNA.CE.150	TRYPANOSOMA CRUZI DNA	150

Trypanosoma cruzi (Chagas Disease)

TCRUZIDNAQT.CE.25	TRYPANOSOMA CRUZI DNA Quantitation (QT)	25
TCRUZIDNAQT.CE.	TRYPANOSOMA CRUZI DNA Quantitation (QT)	50
TCRUZIDNAQT.CE.100	TRYPANOSOMA CRUZI DNA Quantitation (QT)	100
TCRUZIDNAQT.CE.150	TRYPANOSOMA CRUZI DNA Quantitation (QT)	150

Code	Kit Name	Description	Tests n.
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MISCELLANY

Chlamydia trachomatis

CTDNA.CE.25	Chlamydia Trachomatis DNA	25
CTDNA.CE	Chlamydia Trachomatis DNA	50
CTDNA.CE.100	Chlamydia Trachomatis DNA	100
CTDNA.CE.150	Chlamydia Trachomatis DNA	150

ACCESSORY KIT

RNA Retrotranscription Reagents

RNART.CE.25	RNA Retrotranscription KIT	25
RNART.CE	RNA Retrotranscription KIT	50
RNART.HDV.CE.25	HDV RNA Retrotranscription KIT	25
RNART.HDV.CE	HDV RNA Retrotranscription KIT	50
RNART.HDV.CE.100	HDV RNA Retrotranscription KIT	100

Assay Protocols validated on

- **ABI 7500 Sequence Detection System**
(Software SDS version 1.3.1, Applied Biosystems™)
- **Miniopticon**
(Software CFX manager version 1.6, Biorad™)
- **CFX 96** (BioRad™)
- **MX3000P**
(Software MxPro version 4.01, Stratagene/Agilent Technologies)
- **ROTO-GENE Q Series** (Qiagen™)

Assay protocols may be adapted on other RT PCR platforms upon request



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SARA



Bench-top
Fully Automated
RANDOM ACCESS SYSTEM
Based on Magnetic Particles **CLIA**

Technical specifications

Description	A fully automated bench top system with continuous random access that offers an expanding menu of over 50 immunoassays that can be run side by side.
Throughput	Max. 120 test per hour in random access
Time to first Result	15 minutes (assay dependent)
Walkaway Capacity	400 test; auto dilution; auto repeat-testing; auto reflex testing.
Dispensing System	Zero carryover with disposable Tip System; sample integrity checking, including low volume sample and clot detection.
Methodologies Used	Chemiluminescence Immunoassays (CLIA)
Startup Time	5 minutes startup; 15 minutes daily maintenance with no hands on time
Sample Handling	On board 90 sample racks with continuous feed capability; Barcode identification; primary, secondary and pediatric tubes; sample volume 10-200 μ l
Reagents Onboard	16 Refrigerated reagents with barcode Identification RFID; 50-200 tests/kit (assay dependent); extensive 4 weeks on board stability; automatic inventory, residency tracking and flagging; calibration frequency of 4 weeks validity tracked and flagged.

Software Specification

Software Platform	Minimized operator intervention using Window-based fully multitasking software intuitive multilanguage interface for easy navigation; touch screen monitor
Quality Control	QC timeline using colors and symbols to indicate changes in lot numbers; user-definable Westgard rules and Z-scores for comprehensive QC management; integrated data management; full patients search by ID, name, data and test; session and patient report printing.
Host Connection	Bidirectional to any LIS in conformance with ASTM E1394 and ASTM E1381; networks via Ethernet (10/100 BaseT) or WiFi.

Instrument Specification

Dimension and Weight	With 160 cm., Depth 70 cm., Height 80 cm., Weight 160 kg.
Operating Conditions	Temperature 15-32°C; power supply 100-120 (200-240) VAC; 50-60 Hz; consumption 600 VA;
Certifications	ISO, EEC, IVD, CE; detailed specifications available on



TEST MENU

INFECTIOUS DISEASES

CODE	KIT NAME	DESCRIPTION	TESTS N°	NOTES
RASAG.CE	DIA.CHEMILUX HBs Ag	Quantitative	100 Test/kit	
RAINCOMB.CE	DIA.CHEMILUX HIV Ab&Ag	Qualitative	100 Test/kit	
RACVAB.CE	DIA.CHEMILUX HCV Ab	Qualitative	100 Test/kit	
RASIAB.CE	DIA.CHEMILUX Syphilis Ab	Qualitative	100 Test/kit	
RATCAB.CE	DIA CHEMILUX T.cruzi Ab	Qualitative	100 Test/kit	
RATETG.CE	DIA.CHEMILUX TETOX IgG	Quantitative	100 Test/kit	
RAHTLVAB.CE	DIA.CHEMILUX HTLV I&II Ab	Semi-Quantitative	100 Test/kit	
RABCAB.CE	DIA.CHEMILUX HbcAb	Semi-Quantitative	100 Test/kit	

TORCH

CODE	KIT NAME	DESCRIPTION	TESTS N°	NOTES
RATOXOG.CE	DIA CHEMILUX Toxoplasma IgG	Quantitative	100 Test/kit	
RATOXOM.CE	DIA CHEMILUX Toxoplasma IgM	Quantitative	100 Test/kit	IgM Capture System
RARUBG.CE	DIA CHEMILUX Rubella IgG	Quantitative	100 Test/kit	
RARUBM.CE	DIA CHEMILUX Rubella IgM	Quantitative	100 Test/kit	IgM Capture System
RACMVG.CE	DIA CHEMILUX Cytomegalovirus IgG	Quantitative	100 Test/kit	
RACMVM.CE	DIA CHEMILUX Cytomegalovirus IgM	Quantitative	100 Test/kit	IgM Capture System
RAHSVIG.CE	DIA CHEMILUX HSV1 IgG	Quantitative	100 Test/kit	
RAHSVIM.CE	DIA CHEMILUX HSV1 IgM	Qualitative	100 Test/kit	IgM Capture System
RAHSV2G.CE	DIA CHEMILUX HSV2 IgG	Quantitative	100 Test/kit	
RAHSV2M.CE	DIA CHEMILUX HSV2 IgM	Quantitative	100 Test/kit	IgM Capture System
RAHSVG.CE	DIA CHEMILUX HSV1 & 2 IgG	Qualitative	100 Test/kit	
RAHSVIM.CE	DIA CHEMILUX HSV1 & 2 IgM	Quantitative	100 Test/kit	IgM Capture System



AUTOIMMUNITY

CODE	KIT NAME	DESCRIPTION	TESTS N°	NOTES
RASM.CE	DIA CHEMILUX IgG anti-Sm	Quantitative	100 Test/kit	
RASSA52.CE	DIA CHEMILUX IgG anti-SSA52	Quantitative	100 Test/kit	
RASSA60.CE	DIA CHEMILUX IgG anti-SSA60	Quantitative	100 Test/kit	
RASSB.CE	DIA CHEMILUX IgG anti-SSB	Quantitative	100 Test/kit	
RARNP.CE	DIA CHEMILUX IgG anti-RNP	Quantitative	100 Test/kit	
RAJO1.CE	DIA CHEMILUX IgG anti-JO1	Quantitative	100 Test/kit	
RASCL70.CE	DIA CHEMILUX IgG anti-SCL70	Quantitative	100 Test/kit	



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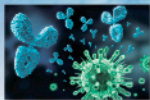
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ADVANCED LABORATORY DIAGNOSTICS



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