

CLIA

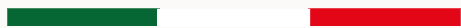
Real Time
PCR

ELISA

Your IVD
Specialists!



MADE IN ITALY



CE



info@diapro.it



www.diapro.it



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20099 Sesto San Giovanni (Milan) - Italy





Made in Italy, distributed worldwide.

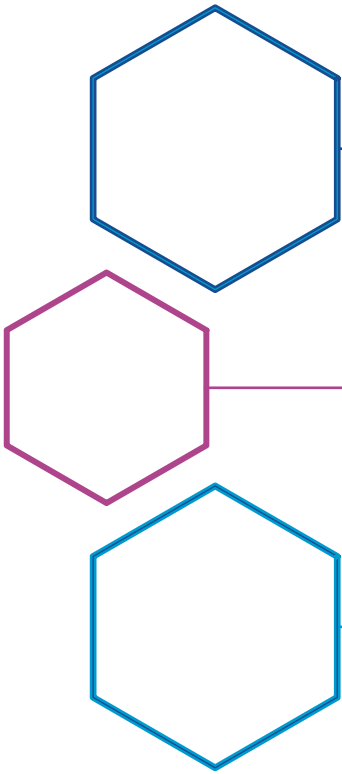
Dia.Pro Diagnostic Bioprobes srl established in 1996, a Global Leader in manufacturing, developing & marketing a vast range of innovative In-Vitro Diagnostic products & automated solutions.

Our IVD CE certified products and systems, leverage a vast range of technologies & deliver high-value clinical analysis & accuracy in infectious disease testing.

We are proud to be leaders in laboratory diagnostics, as a result of our constant commitment to the R&D of innovative & technological solutions, as our main focus is to assist our Customers, maximize efficiency and reliably detect pathogens in your patients

The complete manufacturing process, from the Production of Raw Materials to the Quality Control Release, is finalized at our 13485 certified facility (3000 sqm) located in Milan, Italy.

Dia.Pro's Expertise in Customer service, is thanks to our TEAM of dedicated Specialists in the field, & TOP Quality Products, which is our Commitment to our Partners.



SUMMARY

ELISA 7

REAL TIME PCR 21

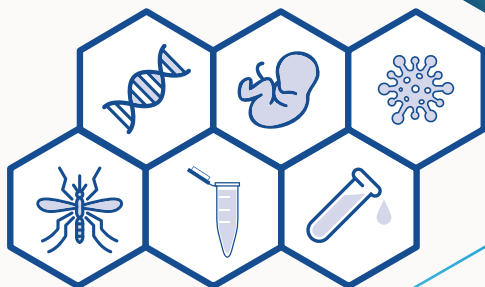
CLIA 27



CLIA

Real Time
PCR

ELISA



A COMPLETE SOLUTION FOR
DIAGNOSTIC LABORATORY TESTING
AND BLOOD SCREENING



BLOOD SCREENING

THE SOLE MANUFACTURER OF A COMPLETE ELISA PANEL
FOR BLOOD BANK SCREENING REQUIREMENTS

HEPATITIS B VIRUS

HBs Ag one version ULTRA

Fourth generation Enzyme Immunoassay for the determination of Hepatitis B surface Antigen or HBs Ag (REC included)

SAG1ULTRA.CE.96 *

HBc Ab

Determination of total antibodies to Hepatitis B core Antigen

BCAB.CE

HEPATITIS C VIRUS

HCV Ab

Version 4.0 Immunoassay for the determination of total antibodies

CVAB.CE.96 *

HTLV

HTLV I&II Ab Version ULTRA

Third generation Enzyme Immunoassay for the determination of antibodies to Human T-Cell Lymphotropic Virus type I&II

HTLVABULTRA.CE.96 *

HIV

(HIV Ab&Ag)

Fourth generation Enzyme Immunoassay for the determination of antibodies to HIV type 1&2&0 and P24 HIV-1 Antigen

IVCOMB.CE.96 *

DENGUE VIRUS

Dengue virus NS1 Ag

Determination of Dengue Virus NS1 Antigen

DENS1AG.CE

MALARIA

Malaria Ab

Third generation Enzyme Immunoassay for the determination of total antibodies of Plasmodium species (falciparum, ovale, vivax, Malariae & Knowlesi)

MALAB.CE.96 *

TRYPANOSOMA CRUZI (Chagas)

T.cruzi Ab

Third generation Immunoassay for the determination of total antibodies

TCAB.CE.96 *

TREPONEMA PALLIDUM (Syphilis)

Syphilis Ab

“Double sandwich” (ULTRA) Immunoassay for the determination of total antibodies.

Available in one short step protocol (syphilis Ab One Version ULTRA)

SIAB1ULTRA.CE.96 *

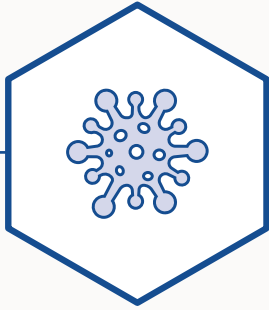
Or in two steps protocol optimized for automation SIABULTRA.CE.96 *

HEPATITIS E VIRUS

HEV Ab Version ULTRA

“Double sandwich” (ULTRA) Immunoassay for the determination of total antibodies.

EVABULTRA.CE.96*



HEPATITIS

ELISA

A UNIQUE PANEL OF CE CERTIFIED KITS
FOR THE DIAGNOSIS OF VIRAL HEPATITIS
IN HUMAN SERUM AND PLASMA

HEPATITIS A

HAV Ab

Determination of total antibodies
AVAB.CE

HAV IgM

“Capture” Enzyme Immunoassay for the
determination of IgM class antibodies
AVM.CE

HEPATITIS B

HBc Ab

Determination of total antibodies
to Hepatitis B core Antigen
BCAB.CE

HBc IgM

“Capture” Enzyme Immunoassay for the
quantitative/qualitative determination
of IgM class antibody to Hepatitis B
Virus core Antigen
BCM.CE

HBs Ab

Qualitative/quantitative determination
of total antibodies to Hepatitis B
surface Antigen
SAB.CE

HBs Ag one version ULTRA

Fourth generation Enzyme Immunoassay
for the determination of Hepatitis B
surface Antigen
SAG1ULTRA.CE.96 *

HBs Ag Confirmation

Set of Reagents for the confirmation
of HBs Ag positivity
SCONF.CE - SCONF.CE.40

HBe Ag&Ab

Determination of Hepatitis B Virus “e”
Antigen and Antibody
HBE.CE

HEPATITIS C

HCV Ab

Version 4.0 Enzyme Immunoassay
for the determination of total antibody
CVAB.CE.96 *

HCV IgM

Quantitative/qualitative determination
of IgM antibodies
CVM.CE

HCV Ab Confirmation

Microstrip based Enzyme Immunoassay
for the confirmation of HCV Ab positivity
CCONF.CE

HEPATITIS D

HDV Ab

Competitive Immunoassay for the
qualitative determination of total antibodies
DAB.CE

HDV Ag

Determination of Hepatitis Delta Virus
DAG.CE

HDV IgM

“Capture” Enzyme Immunoassay for the
determination of IgM antibodies
DIM.CE

HEPATITIS E

HEV Ab Version ULTRA

“Double sandwich” (ULTRA) Immunoassay
for the determination of total antibodies
EVABULTRA.CE.96 *

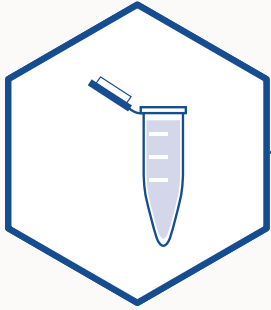
HEV IgG

Determination of IgG antibodies
EVG.CE

HEV IgM

Determination of IgM antibodies
EVM.CE

* Kit formats: 96, 192, 480, 960 tests



SEROLOGY

A WIDE PANEL OF CE CERTIFIED SEROLOGY KITS

HELICOBACTER PYLORI

HP IgG

Quantitative/qualitative determination of IgG antibodies
HPG.CE

HP IgM

Quantitative/qualitative determination of IgM antibodies
HPM.CE

HP IgA

Quantitative/qualitative determination of IgA antibodies
HPA.CE

CagA IgA

Quantitative/qualitative determination of IgA antibodies to Helicobacter Pylori cytotoxin associated gene A antigen
CAGA.CE

CagA IgG

Quantitative/qualitative determination of IgG antibodies to Helicobacter Pylori cytotoxin associated gene A antigen
CAGG.CE

HP Ag H.Pylori Antigen (stool samples)

Quantitative/qualitative determination of Helicobacter Pylori antigen in human stools (respective extraction kit available)
HPAG.CE.96

Extraction Kit for H.Pylori Ag

H.Pylori Ag antigen STOOL EXTRACTION KIT
K.ESTR

COXSACKIE B VIRUS

CoxB IgG

Determination of IgG antibodies
COXBG.CE **

CoxB IgM

Determination of IgM antibodies
COXBM.CE **

CHLAMYDIA

Chlamydia Pneumoniae IgA

Qualitative determination of IgA antibodies
CPA.CE **

Chlamydia Pneumoniae IgG

Qualitative determination of IgG antibodies
CPG.CE **

Chlamydia Pneumoniae IgM

Qualitative determination of IgM antibodies
CPM.CE **

Chlamydia Trachomatis IgA

Qualitative determination of IgA antibodies
CTA.CE

Chlamydia Trachomatis IgG

Qualitative determination of IgG antibodies
CTG.CE

Chlamydia Trachomatis IgM

Qualitative determination of IgM antibodies
CTM.CE

TREPONEMA PALLIDUM

SYPH IgM

Determination of IgM antibodies
SIM.CE

EPSTEIN BARR VIRUS

EBV VCA IgA

Quantitative/qualitative determination of IgA antibodies to Epstein Barr Virus Capsidic Antigen
VCAA.CE **

VCA IgG

Quantitative/qualitative determination of IgG antibodies to Epstein Barr Virus Capsidic Antigen
VCAG.CE

VCA IgM

“Capture” system quantitative/qualitative determination of IgM antibodies to Epstein Barr Capsidic antigen
VCAM.CE

EBNA IgG

Quantitative/qualitative determination of IgG antibodies to Epstein Barr Virus Nuclear Antigen
EBNG.CE

EBNA IgM

Qualitative determination of IgM antibodies to Epstein Barr Virus Nuclear Antigen
EBNM.CE

Ea IgG

Quantitative/qualitative determination of IgG antibodies to Epstein Barr Virus Early Antigen
EAG.CE

Ea IgM

Qualitative determination of IgM antibodies to Epstein Barr Virus Early Antigen
EAM.CE

MENINGITIS

Meningitis IgG

Determination of IgG antibodies
MENG.CE **

MEASLES VIRUS

Measles Virus IgG

Semi-quantitative determination of IgG antibodies
MEAG.CE **

Measles Virus IgM

Semi-quantitative determination of IgG antibodies
MEAM.CE **

TETANUS TOXOID

TETOX IgG

Quantitative determination of IgG antibodies
TETG.CE **

MYCOBACTERIUM TUBERCULOSIS

MTBG IgG

Quantitative determination of IgG antibodies
MTBG.CE **



PRENATAL SCREENING

A COMPLETE PANEL OF CE CERTIFIED
PRENATAL SCREENING KITS

CYTOMEGALOVIRUS

CMV IgG

Quantitative/qualitative determination
of IgG antibodies
CMVG.CE

CMV IgM

“Capture” Enzyme Immunoassay for the
determination of IgM antibodies
CMVM.CE

CMV Antibody Avidity Test (NOT CE)

Determination of “avidity” of IgG class antibodies
CMVAV **

RUBELLA VIRUS

RUB IgG

Quantitative/qualitative determination
of IgG antibodies
RUBG.CE

RUB IgM

“Capture” Enzyme Immunoassay
for the determination of IgM antibodies
RUBM.CE

RUB Antibody Avidity Test (NOT CE)

Detection of “avidity” of IgG class antibodies
RUBAV **

HUMAN PAPILLOMA VIRUS

Papilloma Virus IgG

Quantitative/qualitative determination
of IgG antibodies (R.U.O)
HPVG.CE **

PARVOVIRUS B19

Parvovirus B19 IgG

Quantitative/qualitative determination
of IgG antibodies
PARVOG.CE

Parvovirus B19 IgM

Qualitative determination of IgM antibodies
PARVOM.CE

TOXOPLASMA GONDII

Toxo IgG

Quantitative/qualitative determination
of IgG antibodies
TOXOG.CE

Toxo IgM

“Capture” Enzyme Immunoassay for the
determination of IgM antibodies
TOXOM.CE

Toxo Antibody Avidity Test (NOT CE)

Determination of “avidity” of IgG class antibodies
TOXOAV **

HERPES SIMPLEX VIRUS

HSV1 IgG

Quantitative/qualitative determination of IgG antibodies to Herpes Simplex type 1
[HSV1G.CE](#)

HSV1 IgM

“Capture” Enzyme Immunoassay for the determination of IgM antibodies to Herpes Simplex Virus type 1
[HSV1M.CE](#)

HSV2 IgG

Quantitative/qualitative determination of IgG antibodies to Herpes Simplex Virus type 2
[HSV2G.CE](#)

HSV2 IgM

“Capture” Enzyme Immunoassay for the determination of IgM antibodies to Herpes Simplex Virus type 2
[HSV2M.CE](#)

HSV1&2 IgG

Quantitative/qualitative determination of IgG antibodies to Herpes Simplex Virus type 1&2
[HSVG.CE](#)

HSV1&2 IgM

“Capture” Enzyme Immunoassay for the determination of IgM antibodies to Herpes Simplex Virus type 1&2
[HSV1M.CE](#)





AUTOIMMUNITY

A WIDE PANEL OF CE CERTIFIED AUTOIMMUNE DISEASE KITS

IGG ANTI SSB

Quantitative determination of IgG autoantibodies against SSB autoantigens
SSB.CE **

IGG ANTI SSA 52KD

Quantitative determination of IgG autoantibodies against SSA-52KD autoantigens
SSA52.CE **

IGG ANTI DSDNA

Quantitative determination of IgG autoantibodies against double stranded DNA (dnDNA)
DSDNA.CE

ANA SCREENING IGG

Qualitative determination of IgG antibodies to anti Nuclear Antigens
ANAS.CE

ANA 8 PARAMETERS PROFILE

Qualitative determination of IgG antibodies to Ro/SSA60KDa, Ro/SSA52KDa, La/SSB, RNP-68, Sm, Scl-70, CENP-B
ANA8PRO.CE **

ENA SCREENING IGG

Qualitative determination of IgG antibodies to Extractable anti Nuclear Antigens
ENAS.CE

ENA 6 PARAMETERS PROFILE

Qualitative determination of IgG antibodies against Ro/SSA, La/SSB, RNP-68, Sm, Scl-70, Jo-1
ENA6PRO.CE **

IGG ANTI SSA 60 KD

Quantitative determination of IgG autoantibodies against SSA-60KD autoantigens
SSA60.CE **

IGG ANTI U1-SNRNP 68

Quantitative determination of IgG autoantibodies to RNP-68KDa
RNP.CE **

IGG ANTI SM

Quantitative determination of IgG autoantibodies against Sm autoantigens
SM.CE **

IGG ANTI JO-1

Quantitative determination of IgG autoantibodies against Jo-1 autoantigens
JO1.CE **

IGG ANTI CENTROMERE B

Quantitative determination of IgG autoantibodies against Centromere B autoantigens
CENPB.CE **

IGG ANTI SCL-70

Quantitative determination of IgG autoantibodies against Scl-70 autoantigens
SCL70.CE **



EMERGING TROPICAL DISEASES

ELISA

A COMPLETE PANEL OF TESTS FOR THE SEROLOGICAL DIAGNOSIS OF TROPICAL DISEASES

DENGUE VIRUS

Dengue Virus IgG

Qualitative/semi-quantitative determination of IgG antibodies
DENG.CE

Dengue Virus IgM

Qualitative determination of IgM antibodies
DENM.CE

Dengue Virus NS1 Ag

Determination of Dengue Virus NS1 Antigen
DENS1AG.CE

WEST NILE VIRUS

West Nile Virus IgG

Detection of IgG antibodies
WNG.CE

West Nile Virus IgM

Detection of IgM antibodies
WNM.CE

CHIKUNGUNYA VIRUS

Chikungunya Virus IgG

Detection of IgG antibodies
CHIKVG.CE

Chikungunya Virus IgM

Qualitative determination of IgM antibodies
CHIKVM.CE

YELLOW FEVER VIRUS

Yellow Fever Virus IgG

Detection of IgG antibodies for the follow-up of the vaccination
YFVG.CE **

TRYPANOSOMA CRUZI (Chagas)

T.Cruzi Ab

Third generation Enzyme Immunoassay for the determination of total antibodies to Trypanosoma Cruzi
TCAB.CE.96 *

MALARIA

Malaria Ab

Third generation Enzyme Immunoassay for the determination of total antibodies to Plasmodium species (falciparum, ovale, vivax, Malariae & Knowlesi)
MALAB.CE.96 *

ZIKA VIRUS

ZIKV IgG

Qualitative and semi quantitative determination of IgG antibodies
ZIKVG.CE

ZIKV IgM

Qualitative determination of IgM antibodies
ZIKVM.CE

ZIKV IgG Avidity Test

Determination of the avidity of IgG antibodies
ZIKVAV.CE **

* Kit formats: 96, 192, 480, 960 tests

** Produced on demand - M.O.Q. 10 kits required

DIA500

E.L.I.S.A AUTOMATIC ANALYSER

CONTINUOUS LOADING

- Benchtop Design (5 plates)
- High Productivity (480 Tests per Hour)
- High Efficiency
- Flexible Configuration
- Intuitive & Adaptable Software

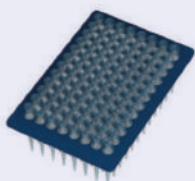


CERTIFIED:
EU Doc 2017/746 (IVDR)

MAIN FEATURES

- DIA500 combines all functions required to process microplate based immuno assays on an efficient easy-to-use fast platform.
- Sample and reagent transfers are performed by a high precision pipetting system.
- A series of incubators assure an accurate reaction temperature & the orbital shakers have variable speed for optimal mixing.
- A fast and highly efficient washing system for 96-well microplates.
- A rapid reading module provides accurate processing of the data.
- A highly accurate SCARA allows the moving of the plates between modules.
- The system is equipped with powerful software providing an intuitive user interface, to control all system functions and define and execute desired processes correctly.

ACCESSORIES



Tips:

Tips for different volumes are available with or without filter. Single tips or packed in 96-inch rack. These are designed to fit the system.



Reagent carrier:

The reagent carrier can hold 4 big and 8 small reagent groups with disposable plastic containers.



Sample carrier:

Sample tube carrier can hold 24 sample tubes with a diameter of 12-13mm or 16mm SST tubes.

DIA500

E.L.I.S.A AUTOMATIC ANALYSER

Smart plate transfer arm

Together with sophisticated pipeting head, transfer arm makes up the centerpiece of the assay processing platform. It can rapidly, precisely and safely pick up microplates and transfer them between the different modules on the workbench involved in the assay process.

Plate shaker-incubators

The shaker incubator modules allow individual control of the required temperature setting and shaking parameters.

Reader module

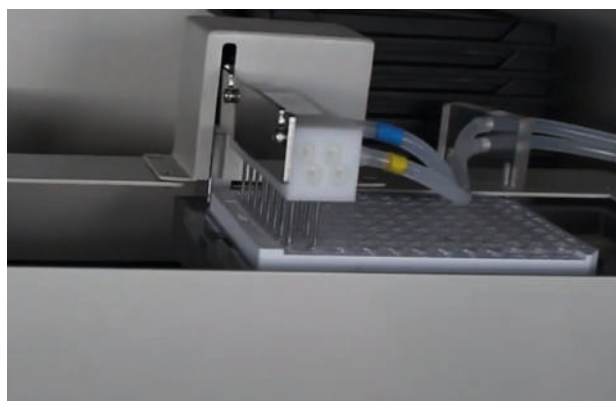
The high quality microplate reader assures accurate readings and precise data entry.

Barcode reader

Multi angle barcode scanner. It can be used to identify sample tubes.

Washing module

The system is equipped with a high performance washing module, designed to provide high throughput and consistent washing performance across the plates with a specified residual volume after aspiration of less than 2 μ l per well after aspiration.



SOFTWARE

DIA500 is supplied with a versatile software package designed to control all functions of the instrument. It allows the user to configure, run and control the required assay or liquid handling procedure and manage sample and result data. The intuitive user interface closely follows and supports the workflow defining the procedures in the lab.

DIA500 is designed to handle large workloads of routine assays and small numbers of samples as well when supplied discontinuously to the lab. It is possible to process multiple assays in parallel and different assays can be assigned to individual samples to ensure true management of **continuous loading**.

Main interface The software controls each individual operation and interaction of the modules on the work bench synchronously. It schedules the tasks and provides permanent feedback on the progress and status of the work in progress.

Pre-run simulation The software uses a complex simulation algorithm to schedule parallel processing of assays, to minimize delays and maximize throughput. The working sequence of the assay process is visualized along a common timeline. During operation the user is informed if an intervention by the operator is necessary.

Unit Controller Each module can be individually controlled and adjusted to meet the specific requirements of the application, optimize performance and eliminate potential problems.

Traceability, quality control and data exchange The system generates trackable reports, corresponding to the strict guidelines for electronic records, tracking instructions and automated test process records for IVDs. The software provides convenient interfacing to existing LIS/HIS systems through a standardized laboratory data exchange format. Westgard or L-J QC functionality supports automatic creation of quality control charts and validation. The recorded traceability data can be filtered and monitored conveniently and can support identification and elimination of irregularities in the assay process.

Platforms tailored to customer application

The system can be customized to meet the requirements of a wide variety of laboratory applications.

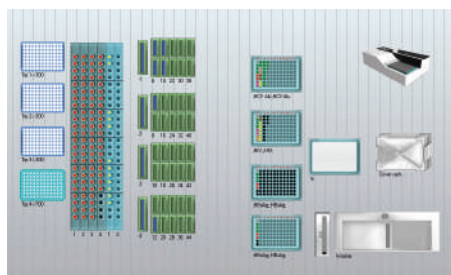
SMART SAMPLE PIPETTING SYSTEM

Air displacement technology and disposable tips

The system uses droppool air displacement pipetting with low cost standard disposable tips. This technology eliminates any risk of cross contamination (carryover) and assures no sample dilution due to the liquid system. Different sizes of disposable tips can be used to match the specific pipetting requirements.

Real time monitoring of tips

During loading, the system continuously monitors the presence and proper fixing of each tip. In case of a problem the software will automatically set [necessary actions, like re-loading the tips to assure continuous operation or displaying the related warning and asking user for intervention if necessary.



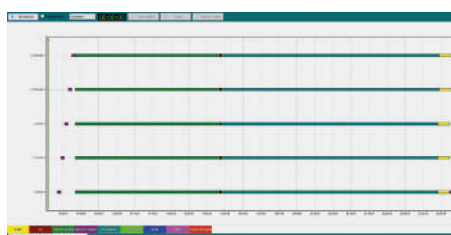
Dynamic pipetting channel positioning system

The automatic pipetting head allows simultaneous, independent vertical movements of each individual pipetting channel. At the same time the spacing between the individual channels can be automatically adjusted to the required, equidistant grid. This design increases flexibility and processing speed in sophisticated pipetting tasks like the parallel transfer of samples from sample tubes to the microplate or other reaction vessels.

Dispensing modes for samples management

Multiple Dispensing: The aspirated samples can be subsequently distributed to a number of target vessels.

Diversified Dispensing: The aspirated samples are simultaneously transferred to different target vessels.



Liquid handling process monitoring

During aspiration the pipetting system automatically monitors three parameters vital for accurate pipetting and reliable assay processing. If a problem is identified the system provides an alarm letting the operator to eliminate the reason immediately.

Clot monitoring

Based on a sophisticated analysis of the pressure profile of each individual channel during aspiration, it is used to detect clogged tip.

Tube volume monitoring

The system detects liquid levels to verify the geometry of the samples tube and the reagent containers, and calculates the volume of liquid available. If the volume available is not sufficient to continue the scheduled process, the system will provide a warning and ask the user for intervention. The 2 channels system gives the possibility to deactivate the defected channel, if necessary. The system can therefore still be used and the protocol can proceed further on with the remaining operative channel till the problem is eliminated. This feature prevents critical downtime of the system while the lab is busy and gives the customer the chance to plan maintenance when appropriate.

Liquid level monitoring

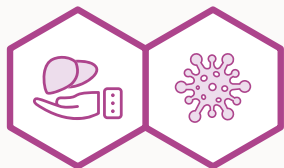
Detects the surface of the liquid to be pipetted and ensures identical conditions of accurate aspiration and pipetting on all channels. This pressure-based detection system allows the instrument to use inexpensive standard pipetting tips.



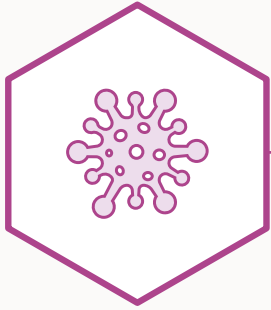
CLIA

Real Time
PCR

ELISA



TOP QUALITY
MOLECULAR DIAGNOSTICS
FOR INFECTIOUS DISEASES



HEPATITIS

HEPATITIS

KIT NAME	DESCRIPTION
HBVDNAQT.CE Hepatitis B HBV DNA (QT)	Quantitative detection of Hepatitis B Virus DNA
HDVONEQT.CE Hepatitis Delta HDV ONESTEP (QT)	Quantitative detection of HDV genome





TRANSPLANTATION

Real Time
PCR

TRANSPLANTATION

KIT NAME		DESCRIPTION
CMVDNAQT.2G.CE	Cytomegalovirus CMV DNA (QT) 2nd Gen.	Quantitative detection of Cytomegalovirus DNA
HSV1DNAQT.CE	Herpes Simplex Virus 1 HSV1 DNA (QT)	Quantitative detection of Human Herpes Simplex Virus 1 DNA
HSV2DNAQT.CE	Herpes Simplex Virus 2 HSV2 DNA (QT)	Quantitative detection of Human Herpes Simplex Virus 2 DNA
HHV6DNAQT.CE	Herpes Virus 6 HHV6 DNA (QT)	Quantitative detection of Herpes Virus 6 DNA
HHV8DNAQT.CE	Herpes Virus 8 HHV8 DNA (QT)	Quantitative detection of Herpes Virus 8 DNA
EBVDNAQT.CE	Epstein Barr Virus EBV DNA (QT)	Quantitative detection of Epstein-Barr Virus DNA
VZVDNAQT.CE	Varicella Zoster Virus VZV DNA (QT)	Quantitative detection of Varicella-Zoster Virus DNA
BKVDNAQT.CE	BK Virus BKV DNA (QT)	Quantitative detection of BKV Virus DNA
JCVDNAQT.CE	JC Virus JCV DNA (QT)	Quantitative detection of JC Virus DNA
ENTERONE.CE	Enterovirus ENTEROVIRUS RNA ONESTEP	Qualitative detection of Enterovirus spp

MISCELLANY

ASSAY PROTOCOLS VALIDATED ON

MISCELLANY

KIT NAME		DESCRIPTION
TOXODNA.CE	Toxoplasma Gondii TOXOPLASMA GONDII DNA	Qualitative detection of Toxoplasma Gondii DNA
LEPDNA.CE	Legionella Pneumophila LEGIONELLA PNEUMOPHILA DNA	Qualitative detection of Legionella Pneumophila DNA
TCRUZIDNAQT.CE	Trypanosoma Cruzi (Chagas Disease) TRYPANOSOMA CRUZI DNA (QT)	Quantitative detection of Trypanosoma Cruzi DNA
TCRUZIDNA.CE	Trypanosoma Cruzi (Chagas Disease) TRYPANOSOMA CRUZI DNA	Qualitative detection of Trypanosoma Cruzi DNA
CTDNA.CE	Chlamydia Trachomatis CHLAMYDIA TRACHOMATIS DNA	Qualitative detection of Chlamydia Trachomatis DNA

ASSAY PROTOCOLS VALIDATED ON

ABI 7500 Sequence Detection System (Software SDS version 1.3.1, Applied Biosystems™)	CFX 96 (Software CFX Manager version 1.7 Biorad™)
MX300P (Software MxPro version 4.01, Stratogene/Agilent Technologies)	ROTOR-GENE Q Series (Qiagen™)

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

TOP SENSITIVITY AND SPECIFICITY

Real Time
PCR

MAIN FEATURES

- CE certified
- Kits contains all reagents necessary to carry out test
- Internal control to verify DNA extraction and amplification
- Quantitative tests: standard curve on 4 points
- High sensitivity and specificity
- Small Reaction volume of 25 μ l: 20 μ l Reaction Mix+ 5 μ l samples
- Sample: Blood, Serum and Plasma, Liquor, Biopsies
- Storage temperature: +2/8°C (no shipment in dry ice needed)
- Shelf life: 12 months at +2/8°C
- Kit format: 25, 50, 100, 150 reactions



CLIA

Real Time
PCR

ELISA



**A CHEMILUMINESCENCE
TECHNOLOGY BASED ON
MAGNETIC PARTICLES**

A RAPIDLY EXPANDING MENU



BLOOD SCREENING MARKERS

HEPATITIS B VIRUS

HBs Ag - [RASAG.CE](#)

HBc Ab - [RABCAB.CE](#)

HEPATITIS C VIRUS

HCV Ab - [RACVAB.CE](#)

HIV

HIV Ab&Ag - [RAIVCOMB.CE](#)

HTLV

HTLV I & II Ab - [RAHTLVAB.CE](#)

SYPHILIS (TREPONEMA PALLIDUM)

Syphilis Ab - [RASIAB.CE](#)

CHAGAS (TRYPANOSOMA CRUZI)

T.Cruzi Ab - [RATCAB.CE](#)

EMERGING TROPICAL DISEASES

DENGUE VIRUS

Dengue virus Ab - [RADENGVAB.CE](#)

CHIKUNGUNYA

Chikungunya Ab - [RACHIKVAB.CE](#)

ZIKA VIRUS

Zika Ab - [RAZIKVAB.CE](#)

SEROLOGY

TETANUS

Tetanus toxoid IgG - [RATETG.CE](#)

HEPATITIS E VIRUS

HEV Ab - [RAEVAB.CE](#)

HEPATITIS D VIRUS

HDV Ab - [RADAB.CE](#)

MALARIA

Malaria Ab - [RAMALAB.CE](#)

PRENATAL SCREENING

TOXOPLASMA GONDII

Toxoplasma IgM - [RATOXOM.CE](#)

Toxoplasma IgG - [RATOXOG.CE](#)

RUBELLA VIRUS

Rubella IgM - [RARUBM.CE](#)

Rubella IgG - [RARUBG.CE](#)

CYTOMEGALOVIRUS

Cytomegalovirus IgM - [RACMVM.CE](#)

Cytomegalovirus IgG - [RACMVG.CE](#)

HERPES SIMPLEX VIRUS

HSV1 IgM - [RAHSV1M.CE](#)

HSV1 IgG - [RAHSV1G.CE](#)

HSV2 IgM - [RAHSV2M.CE](#)

HSV2 IgG - [RAHSV2G.CE](#)

HSV1&2 IgM - [RAHSVM.CE](#)

HSV1&2 IgG - [RAHSV2G.CE](#)

AUTOIMMUNITY

IgG anti-SSB - [RASSB.CE](#)

IgG anti-SSA52 - [RASSA52.CE](#)

IgG anti-RNP - [RARNP.CE](#)

IgG anti-Sm - [RASM.CE](#)

IgG anti-JO1 - [RAJ01.CE](#)

IgG anti-SCL70 - [RASCL70.CE](#)

Kit format: 100 tests



A CHEMILUMINESCENCE SYSTEM
DESIGNED FOR EXCELLENCE

Sample Disposable Tips
(Cost effective)
& disposable cuvettes



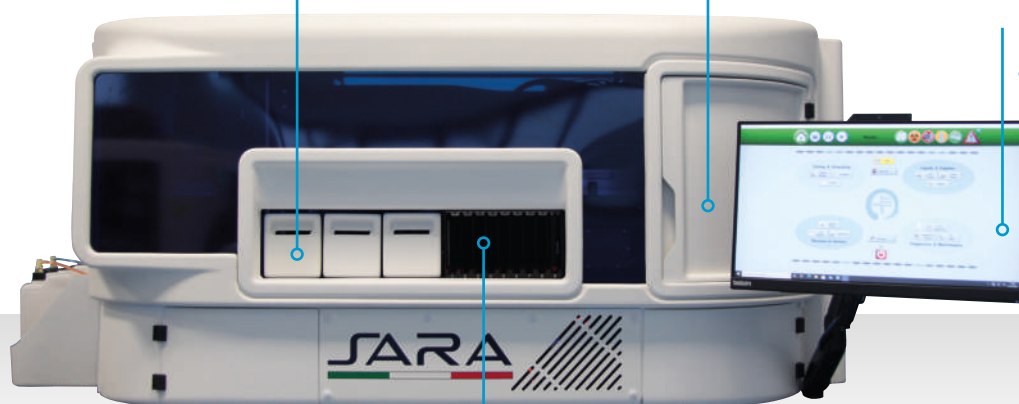
Refrigerated Reagent
loading & Storage Area



2D Matrix Code label for:

- Assay identification
- Lot identification
- Expiration date
- Calibration values

User friendly
Touch Screen



Samples & Controls Management

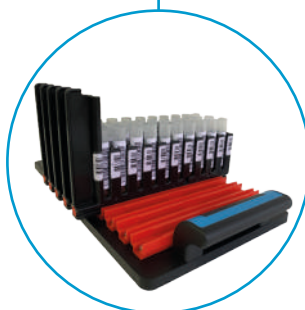
Continuous loading
90 samples and control slots
Sample volume 10-200 μ l
Primary tubes (100-160 mm)

No carry over Clot & sample
volume detection Barcode
sample and control
identification



ASSAY CARTRIDGE:

- The two cartridges included in the kit contain reagents for 2x50 tests
- Include calibrators and controls
- All reagent vials are sealed with caps to avoid spilling
- Stability of 4 weeks once opened



Barcode Scanner Sample
& Control Identification



FULLY AUTOMATED BENCH TOP ANALYZER
WITH CONTINUOUS RANDOM ACCESS

TECHNICAL SPECIFICATIONS

Throughput	Up to 120 tests/hour. First result after about 15 mins. (assay dependent) Then 1 result/in 30 secs.
Mode of operation	Random Access including Continuous Loading and STAT
Sample & Control identification	Barcode reader for samples and controls
Sample dispensation	Standard universal disposable tips to avoid carry-over Liquid level sensor
Reagent	N° 16 cartridges on-board simultaneously
Calibration	Calibrator included into the cartridge for assay calibration Calibration Curve memorized on RF10/20 barcode label
Controls	Ready-to-use liquid, included in the kit box
Operating System	Touchscreen on board Password for system access Color-coded graphical user interface Ergonomic flat, low-glare, LCD, touchscreen
Configuration	Bench top, compact design
Dimension and weight	Heigh 90 cm - Width 190 cm - Depth 78 cm - Weight +/- 200 kg
Certification	CE (IVD Directive 98/79)

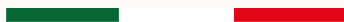
S.A.R.A. CONSUMABLES

CODE	ITEM	DESCRIPTION
RALPACK.CE	DIA.CHEMILUX Luminol Pack	Kit of 3 x 150 mL Lum.A and 3 x 150 mL Lum.B
RAWSPACK.CE	DIA.CHEMILUX Washing Pack	20x Concentrated (30 x 50mL)
06311	SARA Starter Kit	Kit for setup and calibration of SARA Instrument
03575	SARA Tips Pack	Minimum Pack Format - 1 Box -20 x 500 pcs (10 000 pcs)
06352	SARA Cuvette Pack	Minimum Pack Format - 90 x 98 pcs/box (8820 pcs)
06218	SARA System Liquid	Needles Solution Pack for SARA Instrument
06203	SARA Essential Spare Part	Minimal required Spare parts
06219	SARA Decontamination Kit	Kit for decontamination of SARA Instrument
06502	SARA Maintenance kit	Kit for maintenance of SARA Instrument





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