



DIASORIN COMPANY PRESENTATION



About us

World leaders in the lab diagnostics market, we are specialists in the **immunodiagnostic** and **molecular diagnostic** segments and active in the **Licensed Technologies business**

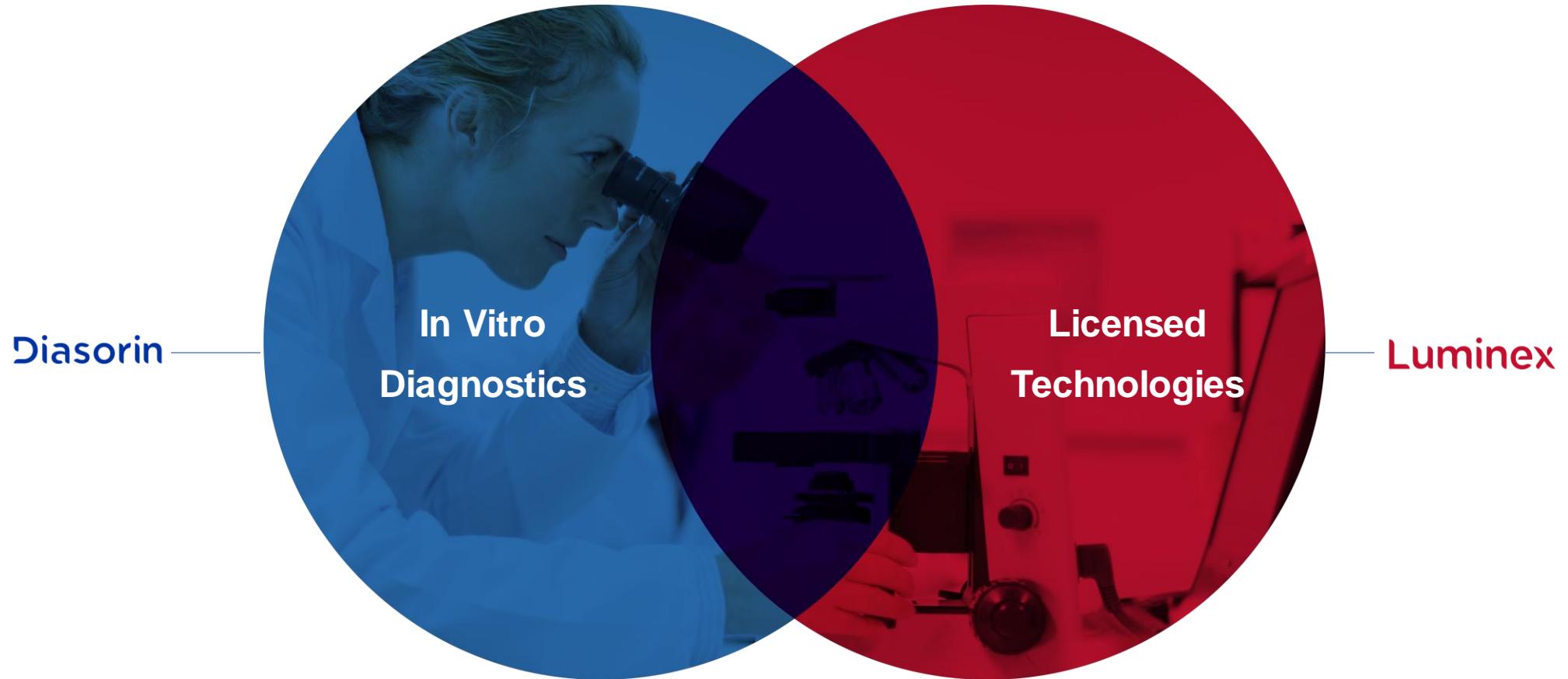
We have been developing, producing and marketing reagent kits for laboratory diagnostics all over the world, for over 50 years. Our broad offering of diagnostic tests and Licensed Technology solutions, made available thanks to ongoing investments in research, positions us as the player with the widest range of specialty solutions in the sector and identifies the Group as the **"Diagnostics Specialist"**.

Diagnosis is the first step towards understanding a person's state of health. This is why our tests can make the difference: they are precise and reliable and enable delivery of early diagnosis of various pathologies for millions of people who will then be able to receive the most appropriate therapy.

Listed on the Italian Stock Exchange
in the **FTSE MIB** Index



Our business



Our business

In Vitro Diagnostics

We market and develop diagnostic tests and solutions in the **immunodiagnostic** and **molecular diagnostic** sectors.

We offer technological and innovative solutions ranging from hospital and commercial analysis laboratories to decentralized contexts.

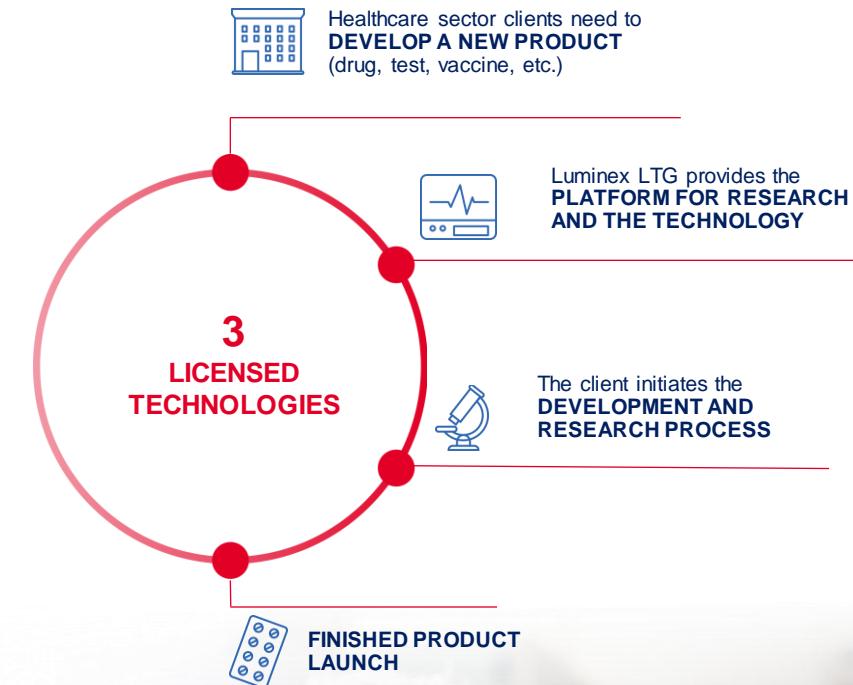
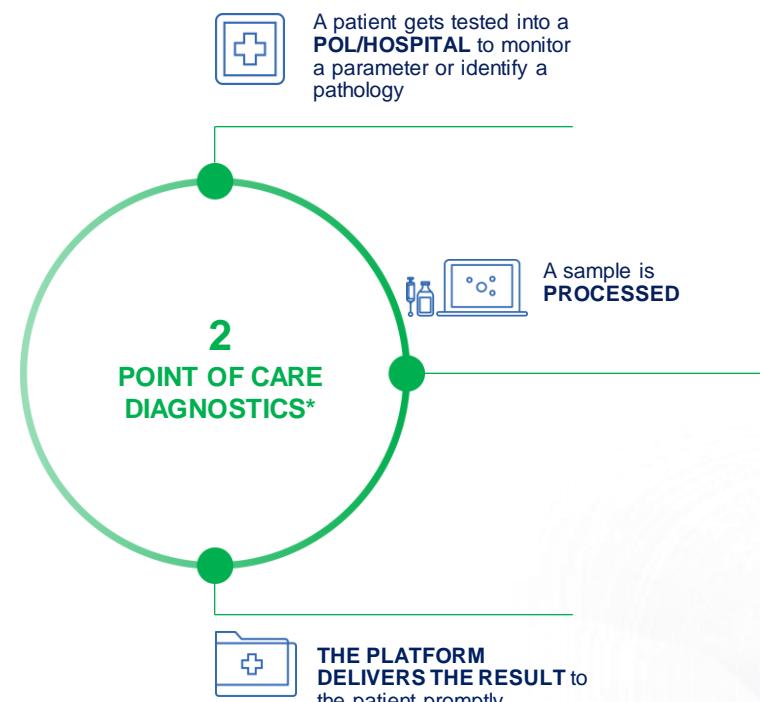
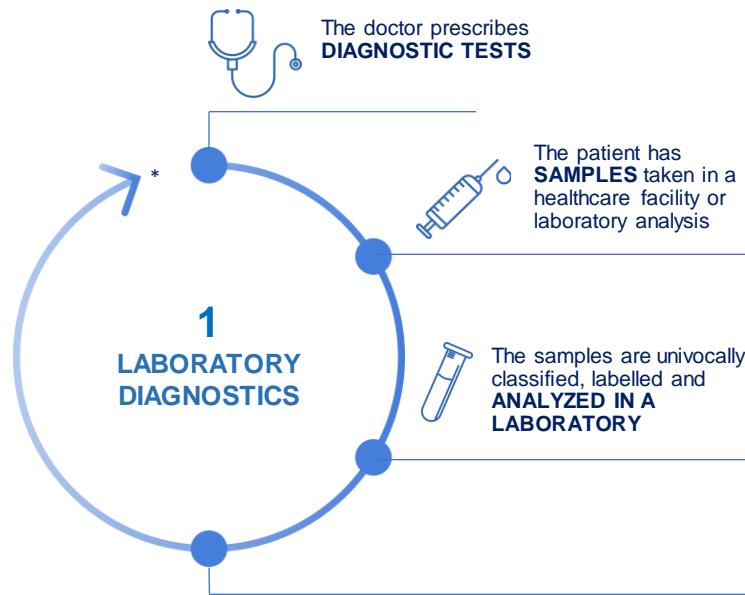
Diasorin

Luminex

Licensed Technologies

We enable scientists get quick and reliable responses to complex biological issues with innovative and unique solutions supporting different markets including biomedical research, genomic and proteomic research, clinical diagnostics and vaccine and drug development.

From needs to our solutions



Our story

Foundation of SORIN, a nuclear energy production center in Saluggia (Vercelli, Italy), by a JV between FIAT and Montecatini.

The opening of Europe's first *in vitro* diagnostics center.

A management buyout brings Diasorin ownership back to Italy.

Diasorin continues to **grow organically and inorganically**, expanding geographically and **investing in technology and product innovation**.

It forms **numerous partnerships** with leading players in the global diagnostics market (Roche, Beckman Coulter, Meridian Bioscience).

Diasorin stock is included in the **FTSE MIB**.

Diasorin enters a **partnership with Qiagen** for **latent tuberculosis testing**. Diasorin acquires **Siemens Healthineers' ELISA business**.

Diasorin acquires the **US company Luminex Corporation** for **\$1.8bn**, thus gaining **multiplexing technology for molecular diagnostics** and entering in the **Licensed Technology** field.

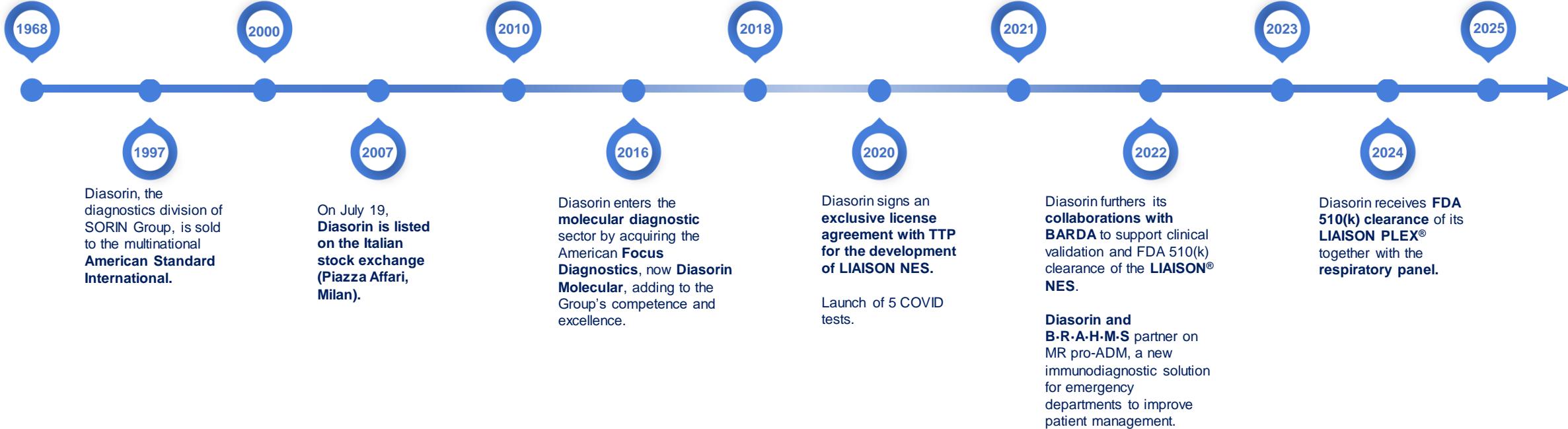
Diasorin launches the **Lyme test** in partnership with **QIAGEN** and the **MeMed BV test** in partnership with **MeMed**.

Diasorin sells all the assets related to the **Flow Cytometry & Imaging (FCI) business** unit to **Cytek® Biosciences**.

Diasorin collaborates with **Gilead Sciences** to develop an automated assay for **HDV detection**

Diasorin receives **FDA 510(k) clearance** for **LIAISON NES** and its **ABCR panel**.

Diasorin receives **FDA 510(k) clearance** of the **LIAISON PLEX® blood culture panel** and submits the **LIAISON PLEX® gastro-intestinal panel** for FDA approval.



Diasorin worldwide

NORTH AMERICA

50% of Group Revenues*

EUROPE

35% of Group Revenues*

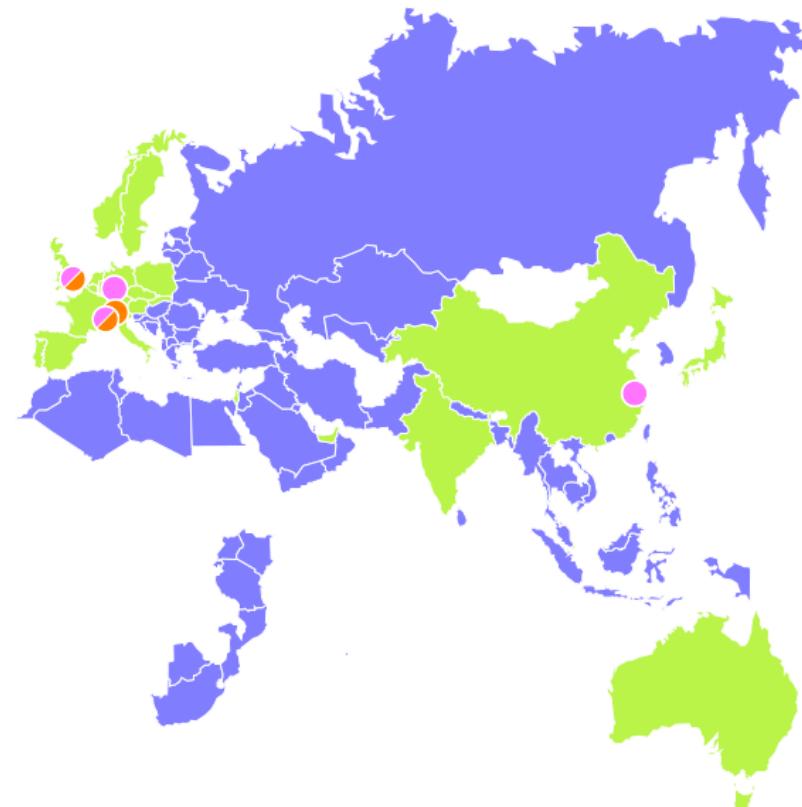
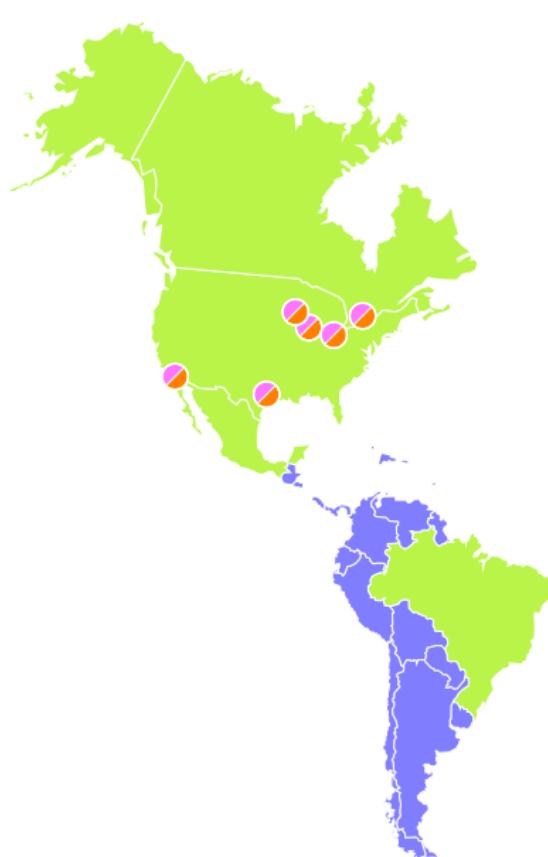
REST OF WORLD

15% of Group Revenues*



3271
Employees

*data as of December 31, 2024



North America

USA

Austin
Chicago
Cypress
Madison
Stillwater

Canada

Toronto

Europe

Italy

Saluggia
Bresso

Germany

Dietzenbach

UK

Dartford

Asia

China

Shanghai

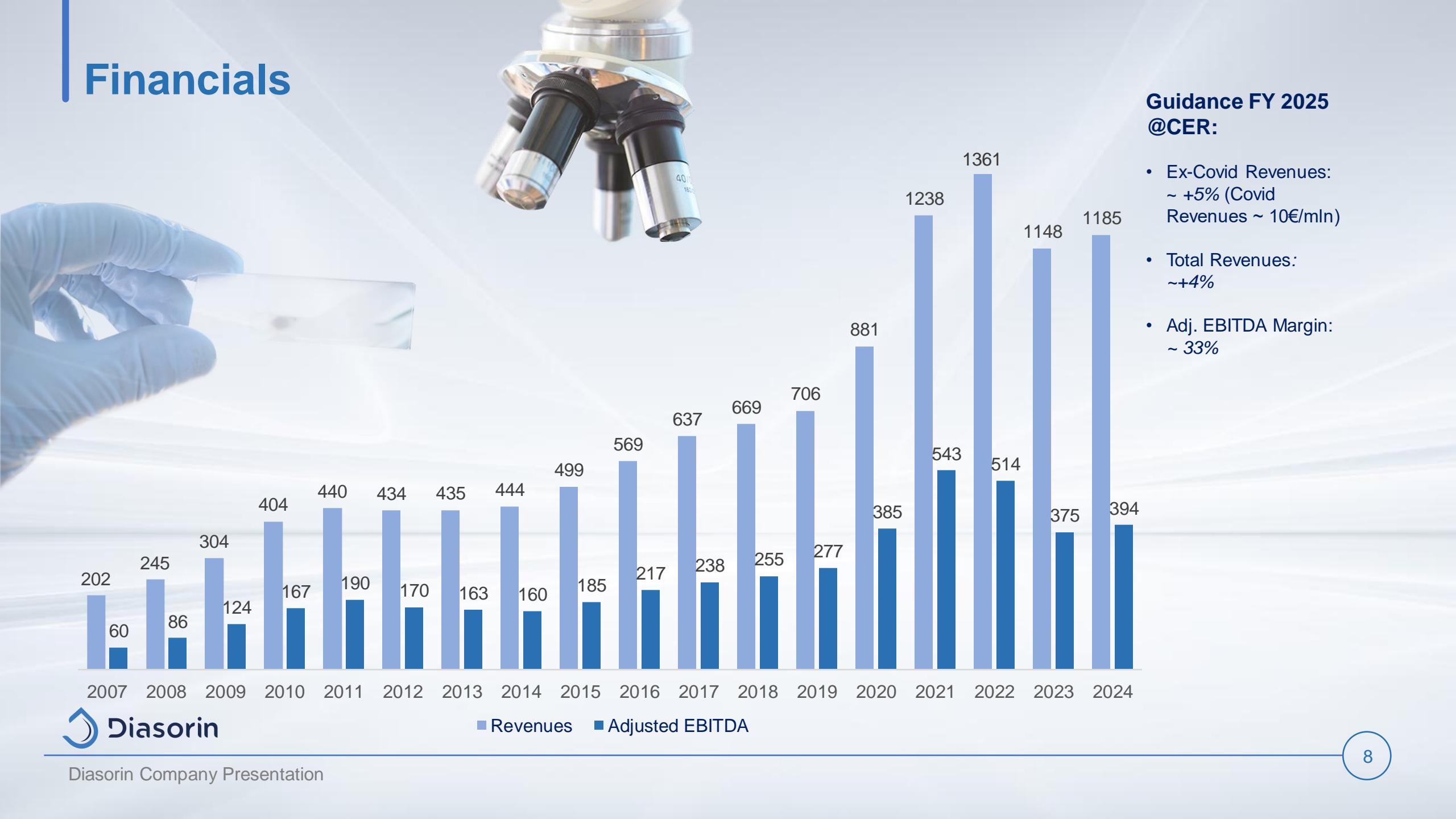
● Direct presence

● Countries served through distributors

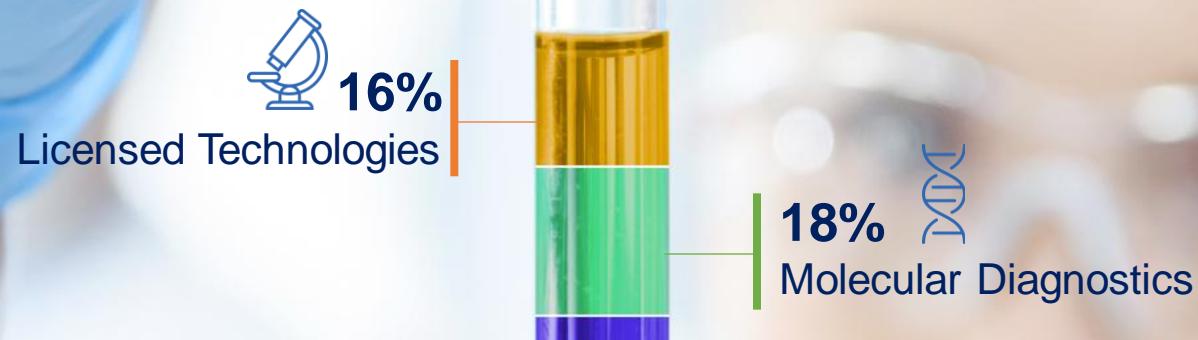
● Production centers

● R&D centers

Financials



Our business* by tech



M&A and Partnerships



PARTNERSHIPS



M&A



Diasorin Company Presentation

2000 - 2009

Byk Sangtec

Biotrin

CLIA
immunodiagnostic
platforms

Parvovirus test



GI Stool testing



Connectivity for
lab automation

2010 - 2014



ELISA Hepatitis
& Retrovirus



Hepatitis
& Retrovirus



QuantiFERON
Technology

2015 - 2019



Molecular
Diagnostics



ELISA Business

B-R-A-H-M-S

MR-proADM test

2020 - Today

Luminex®



Molecular
Diagnostics &
Licensed
Technologies

Sale of Flow
Cytometry &
Imaging business



LIAISON NES
platform



Bacterial vs. Viral
infection testing

Our Immunodiagnostic Systems

LIAISON® XS



LIAISON® XL



LIAISON® XL LAS



LIAISON® XL 2.0*



Small-to-medium labs

Medium-to-large labs

* To be launched

DISEASE AREAS

- Infectious diseases
- Endocrinology
- Gastrointestinal diagnostics
- Autoimmunity
- Hypertension
- Emergency/Sepsis
- Bone & mineral
- Oncology

The LIAISON® XL assay menu



METABOLIC DISORDERS

25-OH Vitamin D TOTAL
1,25 dihydroxyvitamin D
1 - 84 PTH
N-TACT® PTH Gen II
FGF 23
BAP OSTASE®
Osteocalcin
Ferritin
Folate
Vitamin B12



TUMOR MARKERS

CEA
Free PSA
PSA
PSA II Gen
CA 15-3®
CA 125 II™
CA 19-9™
TPA®-M
NSE
S100
AFP
hCG/β-hCG
β2-Microglobulin
TK
Calcitonin



GASTROINTESTINAL DISEASES

Calprotectin
Elastase-1
Meridian *H. pylori* SA
H. pylori IgG
C. difficile GDH
C. difficile Toxin A/B
Campylobacter Ag
Adenovirus
Rotavirus
tTG IgA



HEPATITIS AND RETROVIRUSES

Anti-HAV
HAV IgM
HBsAg Qual
HBsAg Quant
HBsAg Confirmatory test
Anti-HBs
Anti-HBs plus
Anti-HBc
HBc IgM
HBeAg
Anti-HBe
Anti-HDV
Anti-HEV IgG
Anti-HEV IgM
HIV Ab/Ag
HIV Ab/Ag HT
HCV Ab
HTLV VII



ENDOCRINOLOGY

TSH
Free T3
Free T4
T3
T4
Anti-Tg
Tg Gen II
Anti-TPO
Androstenedione
DHEA-S
Estradiol
FSH
hCG
LH
Progesterone
Prolactin
Prolactin xt
SHBG
Testosterone
Testosterone xt



INFECTIOUS DISEASES

Toxo IgG II
Toxo IgM
Toxo IgG Avidity
Rubella IgG II
Rubella IgM
CMV IgG II
CMV IgM II
CMV IgG Avidity II
HSV-1/2 IgG
HSV-1 IgG
HSV-2 IgG
HSV-1/2 IgM
Parvovirus B19 IgG
Parvovirus B19 IgM
Parvovirus B19 IgG Plus
Parvovirus B19 IgM Plus
EBV IgM
VCA IgG
EBNA IgG
EA IgG
Treponema Screen
Chlamydia T. IgG
Chlamydia T. IgA
Measles IgG
Measles IgM
Mumps IgG
Mumps IgM
VZV IgG
VZV IgM
VZV IgG HT
Zika Capture IgM II
Chagas IgG

The LIAISON® XS assay menu

						
METABOLIC DISORDERS 25-OH Vitamin D TOTAL 1,25 dihydroxyvitamin D 1 - 84 PTH Ferritin	TUMOR MARKERS CEA Free PSA PSA II Gen CA 15-3®	GASTROINTESTINAL DISEASES Calprotectin Elastase-1 Meridian H. pylori SA C. difficile GDH C. difficile Toxin A/B Campylobacter Ag Adenovirus Rotavirus	HEPATITIS AND RETROVIRUSES Anti-HAV HAV IgM HBsAg Qual HBc IgM Anti-Hbe Anti-HEV IgG Anti-HEV IgM HTLV I/II	ENDOCRINOLOGY TSH Free T3 Free T4 T3 T4 Anti-Tg Tg Gen II Anti-TPO FSH hCG Prolactin xt hGH IGF-I Direct Renin Aldosterone ACTH Cortisol	INFECTIOUS DISEASES MeMed BV® SARS-CoV-2 TrimericS IgG QuantiFERON®-TB Gold Plus Mycoplasma pneumoniae IgM Mycoplasma pneumoniae IgG BRAHMS PCT® II Gen BRAHMS MR-proADM™ Legionella Urinary Ag <i>S. Pneumoniae</i> Ag LymeDetect® Borrelia burgdorferi IgG Borrelia burgdorferi IgM II Borrelia burgdorferi IgM Quant	INFECTIOUS DISEASES Toxo IgG II Toxo IgM Toxo IgG Avidity Rubella IgG II Rubella IgM CMV IgG II CMV IgM II CMV IgG Avidity II HSV-1/2 IgG HSV-1 IgG HSV-2 IgG HSV-1/2 IgM Parvovirus B19 IgG Parvovirus B19 IgM Parvovirus B19 IgG Plus Parvovirus B19 IgM Plus EBV IgM VCA IgG EBNA IgG EA IgG Measles IgG Measles IgM Mumps IgG Mumps IgM VZV IgG VZV IgM VZV IgG HT

The LIAISON® XS is a single completely automated system with efficient design and reduced dimensions for specific pathologies and *ad hoc* areas.

Our Molecular Diagnostic Systems

* To be launched



LIAISON® NES

LIAISON® MDX

LIAISON® MDX Plus*

Luminex® 100/200

MAGPIX®

Verigene®

LIAISON® PLEX

Non-automated

Non-automated

Automated

Automated

Single-low Plex Platforms

Detects the presence of up to 5 pathogen agents starting from a single sample

Multiplexing Platforms

Simultaneously detects the presence of up to 40 different pathogens from a single sample

CLINICAL AREAS

- Respiratory Infections
- Herpes viruses
- Meningitis/Encephalitis
- Hospital Acquired Infections
- Vector borne
- Bloodstream Infections
- Transplant
- Women's/Neonatal Health
- Genetics/Cystic Fibrosis

LIAISON® NES

The LIAISON® NES is a new molecular platform to address the growing diagnostic decentralization trend that is driving the need for fast and accurate testing in laboratory and near-patient settings.

The LIAISON® NES will offer high quality, cost effective low-plex testing, generating results in approximately 15 minutes.

The LIAISON® NES will be initially registered as a professional-use only platform in the EU and a Point-of-Care (POC) platform in the USA.



LIAISON® MDX and LIAISON® MDX Plus

LIAISON® MDX



The LIAISON® MDX is an innovative and powerful thermocycler with two consumable disc options: the 8-well Direct Amplification Disc for sample-to-answer testing and the 96-well Universal Disc for higher volume testing.

Supported by an expanding menu of molecular assays, the LIAISON® MDX is flexible allowing you to run real-time PCR for qualitative, quantitative and multi-analyte detection. The instrument can perform both IVD as well as Laboratory Developed Tests.

The LIAISON® MDX software provides easy to understand results with the ability to check amplification curves after a run. The software also plots QC Charts and can be bi-directionally interfaced with LIS for easy integration into any lab workflow. You can also access and navigate the software during a run.

The instrument is compact with an extremely small footprint measuring only 12" by 8" by 12" so that it can fit into laboratories of any size.

LIAISON® MDX Plus*



* To be launched

The LIAISON® MDX and ASRs/RUO menu



single low plex			
	LIAISON® MDX (DAD kits)	LIAISON® MDX (UD kits)	ASR(s)/RUO
Respiratory			
Bordetella	X	X	X
Group A Strep	X		X
Flu A/B & RSV	X		X
COVID-19 & Flu A/B			
Flu A/B & RSV+SARS-CoV-2	X		X
Influenza A H1N1 (2009)		X	X
SARS-CoV-2	X		X
SARS-CoV-2 variants			X
<i>C. Pneumoniae</i>			X
Strep group C and group G			X
hMPV			X
<i>Klebsiella pneumoniae</i>			X
Legionella			X
<i>M. Pneumoniae</i>			X
<i>L. Pneumoniae</i>			X
Mpox			X
Parainfluenza			X



single low plex			
	LIAISON® MDX (DAD kits)	LIAISON® MDX (UD kits)	ASR(s)/RUO
Hospital Acquired Infections			
<i>C. difficile</i>	X	X	X
MRSA			
Norovirus			X
<i>C. auris</i>	X		X



Transplant			
CMV		X	X
EBV		X	X
Adenovirus			X
BKV			X
Enterovirus			X
HHV8			X
HHV6			X
JCV			X
<i>P. Jirovecii</i>			X
Parvovirus			X
<i>Toxoplasma gondii</i>			X

The LIAISON® MDX and ASRs/RUO menu



single low plex			
	LIAISON® MDX (DAD kits)	LIAISON® MDX (UD kits)	ASR(s)/RUO
Women's Health			
HSV 1&2	X		X
VZV (SWAB)	X		X
HSV 1/2 & VZV		X	X
GBS	X		X



CNS			X
HSV 1&2	X		
VZV (CSF)	X		X
Parechovirus			X



Neonatal			
Congenital CMV	X		

single low plex			
	LIAISON® MDX (DAD kits)	LIAISON® MDX (UD kits)	ASR(s)/RUO
Vector/tick Borne			
Dengue		X	X
Anaplasma			X
Babesia			X
Borrelia			X
Bartonella			X
Chikungunya			X
Ehrlichia			X
Plasmodium			X



Genetics			
MTHFR			X
Factor II			X
Factor V			X



MAGPIX®

MAGPIX®



This compact multiplexing unit performs up to 50 different tests in a single reaction volume and reads a 96-well plate in just 60 minutes. MAGPIX® features self-cleaning routines and magnetic bead compatibility (with MagPlex® beads), making the instrument easy to learn and easy-to-use.

The MAGPIX® System features an innovative design based on imaging technology that allows for a more compact, robust system. It's also easy to operate and maintain with streamlined start-up and shutdown protocols and easy-to-perform preventative maintenance. MAGPIX® is supported by a broad menu of commercially available assay kits, as well as reagents to build your own assays.

LUMINEX® 200

Luminex® 200



The Luminex® 200™ System is a flexible analyzer based on the principles of flow cytometry that enables you to multiplex (simultaneously measure) up to 100 analytes in a single microplate well, using very small samples. The system delivers fast and cost-effective bioassay results on many assay formats including nucleic acid assays, receptor-ligand assays, immunoassays, and enzymatic assays.

The Luminex 200 System is the combination of three core xMAP® Technologies. The first is xMAP microspheres, a family of fluorescently dyed micron-sized polystyrene microspheres that act as both the identifier and the solid surface to build the assay. The second is a flow cytometry-based instrument, the Luminex 200 analyzer, which integrates key xMAP detection components, such as lasers, optics, fluidics, and high-speed digital signal processors. The third component is the xPONENT® Software, which is designed for protocol-based data acquisition with robust data regression analysis.

VERIGENE®

Verigene®



The VERIGENE® System instrumentation consists of a VERIGENE® Reader and one or multiple VERIGENE® Processor SPs. The VERIGENE® Reader manages sample information, reads results from processed cartridges, and allows for result printing, internal data storage, and LIS connectivity without the need for an external PC. The VERIGENE® Processor SP is a modular, easy-to-use benchtop analyzer that combines automated nucleic acid extraction, purification, amplification, and hybridization in each module. These advanced capabilities allow users to run VERIGENE® tests on-demand in response to testing requirements, without the need for batch processing, instrument-specific training, or specialized facilities. The system is scalable, allowing throughput customization to meet the size and testing demands of each laboratory.

The VERIGENE® System rapidly and accurately detects infectious pathogens and their associated drug resistance markers—without relying on time-consuming culture methods. Delivery of this time-critical information enables clinicians to provide targeted patient care more quickly, potentially leading to improved patient outcomes, lower costs, optimized antibiotic therapy, and reduced spread of antibiotic resistance. VERIGENE®'s ease of use and automation-friendly workflows make it a valuable system for use in both hospital-based and reference laboratories. Tests run on the VERIGENE® platform are designed to target infections in the bloodstream, respiratory tract, and gastrointestinal tract.

LIAISON® PLEX

The LIAISON® PLEX System is a sample-to-answer molecular diagnostic platform capable of performing multiplex testing on a single sample. The system is fully-integrated and performs extraction, amplification, hybridization, and detection—all in one cartridge. Its proprietary *Flex*® Software enables users to test and pay only for the targets ordered by the clinician, with the option to unmask additional results as needed. This unique capability provides laboratories and clinicians with a cost-effective diagnostic tool that is designed to improve clinical outcomes.



MAGPIX®, LUMINEX® 200, VERIGENE® and LIAISON® PLEX menu

		multiplexing			
		MAGPIX®	LUMINEX® 200	VERIGENE®	LIAISON® PLEX
	Gastrointestinal Panel	X	X	X	Submitted to the FDA
	Respiratory Panel	X	X	X	X
	Bloodstream Infection Panels			X	X*
	Genetics				
	Cystic Fibrosis Panels		X		
	CYP 2C19	X	X		

Our Licensed Technologies Systems

xMAP INTELLIFLEX®



Up to 500 analytes
per sample

FLEXMAP 3D®



Up to 500 analytes
per sample

Luminex® 200



Up to 100 analytes
per sample

MAGPIX®



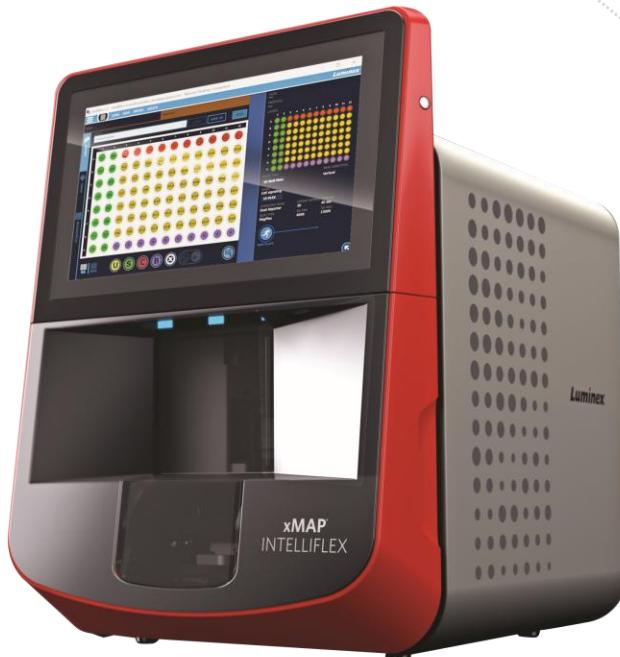
Up to 50 analytes
per sample

Licensed Technologies Group

MAIN APPLICATIONS

- Allergy Testing
- Neurodegenerative Disease
- Autoimmune Disease
- Biodefense/Environmental
- Cancer Markers
- Cardiac Markers
- Cellular Signaling
- Cytokines, Chemokines and Growth Factors
- Endocrine
- Gene Expression Profiling
- Genotyping
- HLA Testing
- Immunogenicity
- Infectious Disease
- Isotyping
- Metabolic Markers
- Neurobiology/Brain and Nervous System Markers
- Plant & Food Safety
- Sepsis Markers
- Transcription Factors/Nuclear Receptors
- Toxicology
- Vaccine Testing

Licensed Technologies: Luminex xMAP INTELLIFLEX® platform



Reliable, sensitive results
Customization and
flexibility
Maximum data/answers

500 analytes per well; up to 2 parameters per analyte



Diasorin S.p.A.
www.diasorin.com

