



Molecular Diagnostics

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MGB

ELITE InGenius™

ELITE InGenius®

Full automation

Unrivalled flexibility

Ever-growing menu

Unlimited scalability



ELITechGroup

EMPOWERING IVD

SIMPLIFY your molecular lab

ELITE InGenius® is an integrated sample-to-result solution dedicated to Molecular Diagnostics



ELITE InGenius® consolidates extraction, amplification and detection in one full automated instrument providing unrivaled flexibility and unlimited testing possibilities

Full AUTOMATION

Approximately 2h 30min turn-around time

< 2 min/samples hands-on-time

True walkaway solution

Pre-filled universal extraction cassettes

Ready to use PCR reagents

Run controls stability up to 15 days

Calibration curve storage up to 60 days

Bi-directional connectivity to LIS

ELITE InGenius®

EVER-GROWING menu

Comprehensive CE-IVD Real Time PCR assays menu to cover different clinical applications



Pathogens Monitoring in Immunocompromised

CMV	1 2 4 5 9 11 14 19	PARVOVIRUS B19	1 11	HHV8	1 2
EBV	1 2	ADENOVIRUS	1	HEV	2 10
BKV	2 5	ENTEROVIRUS	2 4	T. GONDII	1 4 11
VZV	1 2 4	JCV	2 4 5	ASPERGILLUS	2 9 19
HSV1	1 2 4	HHV6	1 2	P. JIROVECI	9 13
HSV2	1 2 4	HHV7	1 2		

Sexually Transmitted Infections

STI PLUS	5 15 16	MACROLIDE-R/MG	5 15* 16*	HPV	15 16
<i>C. trachomatis</i>		<i>M. genitalium</i>		16	
<i>N. gonorrhoeae</i>		Macrolide resistance		18	
<i>M. genitalium</i>				Other High Risks	
<i>T. vaginalis</i>					
HSV1/2	22	C. TRACHOMATIS	5 15 16		

Respiratory Infections

MDR EXTRA	5 9 13 17 18 19 20	BACTERIAL PANEL	9	Respiratory Viral PLUS	9 21
MTB complex		<i>M. pneumoniae</i>		Flu A	
		<i>C. pneumoniae</i>		Flu B	
		<i>Legionella pn.</i>		RSV	
				hMPV	
MDR/MTB	5 9 13 17 18 19 20	SARS-COV-2 PLUS	6 7 21	SARS-COV-2	6 7 14 21
MTB complex		SARS-CoV-2		SARS-CoV-2 Variants	6 7 21
Rifampicin resistance		Flu A		SARS-CoV-2 Extended °	
Isoniazid resistance		Flu B		P. JIROVECI	9 13
		RSV		ASPERGILLUS	2 9 19
BORDETELLA	23				
<i>B. pertussis</i>					
<i>B. parapertussis</i>					
<i>B. holmesii</i>					

Blood Borne Viruses

HBV 2 3 HCV 2 3 HIV1 2

Meningitis & Encephalitis

VIRAL PANEL 4
 HSV1
 HSV2
 VZV

VIRAL PANEL 2 4
 Enterovirus
 Parechovirus
 Adenovirus

BACTERIAL PANEL 1 4
N. meningitidis
S. pneumoniae
H. influenzae
H. influenzae type B

Healthcare Associated Infections

CRE 8 12 9* 25*
 KPC
 IMP-VIM-NDM
 OXA

COLISTIN-R 8
mcr1
mcr2

C. DIFFICILE 10
 Toxin A
 Toxin B

ESBL 8 12 9* 25*
 CTX-M-1,15
 CTX-M-9,14

MRSA/SA 6 12 9* 25*
S. aureus
mecA / mecC

Gastrointestinal Infections

VIRAL PANEL 10
 Rotavirus
 Adenovirus
 Astrovirus

NOROVIRUS PANEL 10
 Genotypes I & II

BACTERIAL PANEL 10
Salmonella
Campylobacter
Shigella/EIEC

PARASITIC PANEL 10
G. lamblia
C. parvum
E. histolytica

Genetics

COAGULATION 1
 Factor II
 Factor V
 MTHFR

Oncohematology

BCR-ABL P190 24
BCR-ABL P210 24

25 Matrices

Universal Extraction
 for several samples

- 1 Whole Blood
- 2 Plasma
- 3 Serum
- 4 CSF
- 5 Urine
- 6 Nasal Swabs
- 7 Throat Swabs
- 8 Rectal Swabs
- 9 BAL
- 10 Stool
- 11 Amniotic Fluid
- 12 Blood Culture
- 13 Sputum
- 14 Saliva/Buccal Swabs
- 15 Cervical Swabs
- 16 Vaginal Swabs
- 17 Cavitory Fluid
- 18 Biopsies/Tissue
- 19 Bronchial Aspirate (BA)
- 20 Gastric Aspirates
- 21 Nasopharyngeal Swabs
- 22 Cutaneous/Mucoc. Swabs
- 23 Nasopharyngeal Aspirate
- 24 White Blood Cells
- 25 Culture Isolates

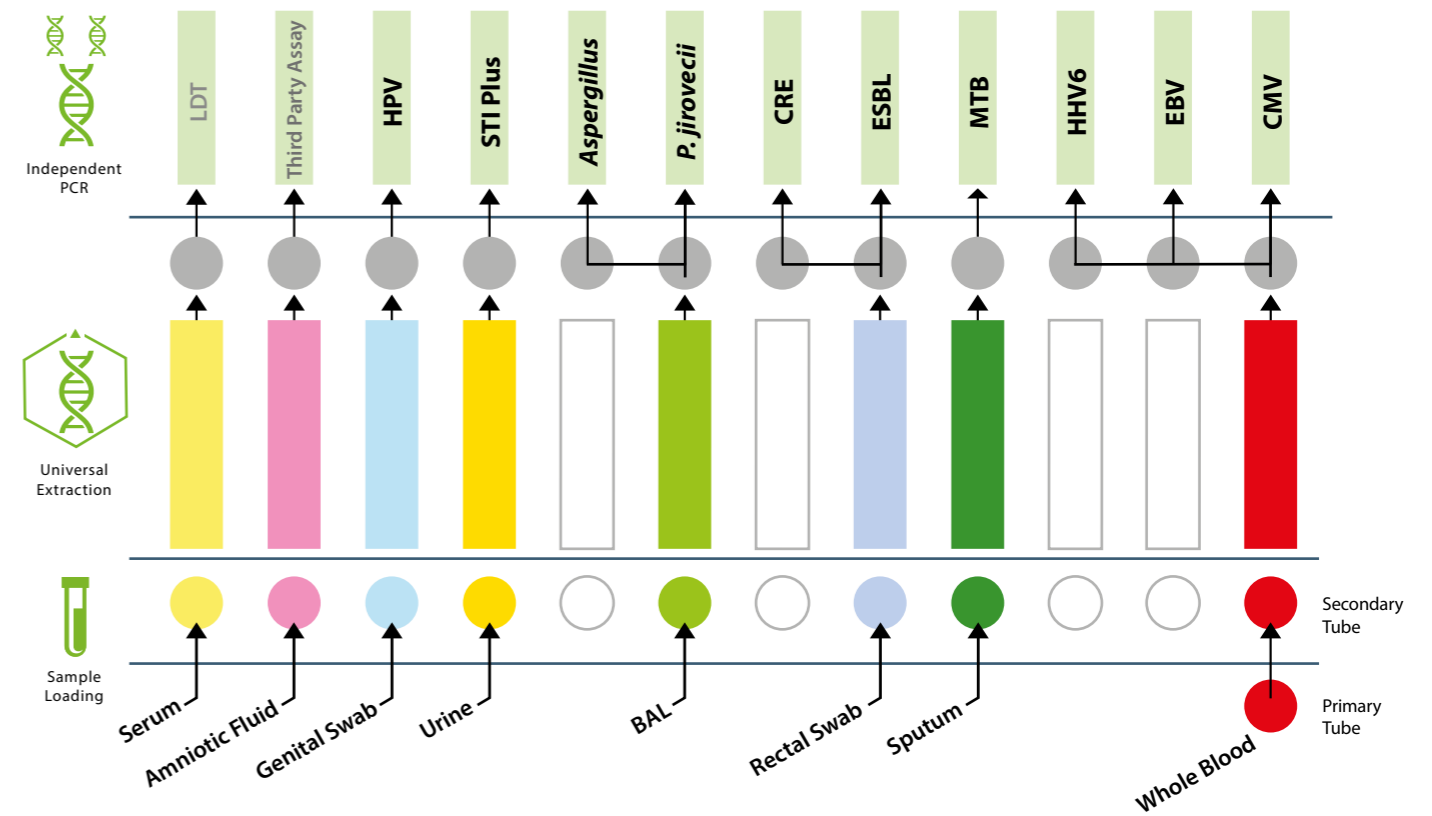
* Under Development
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Unrivaled FLEXIBILITY

Test any combination of sample types and assay in the same run

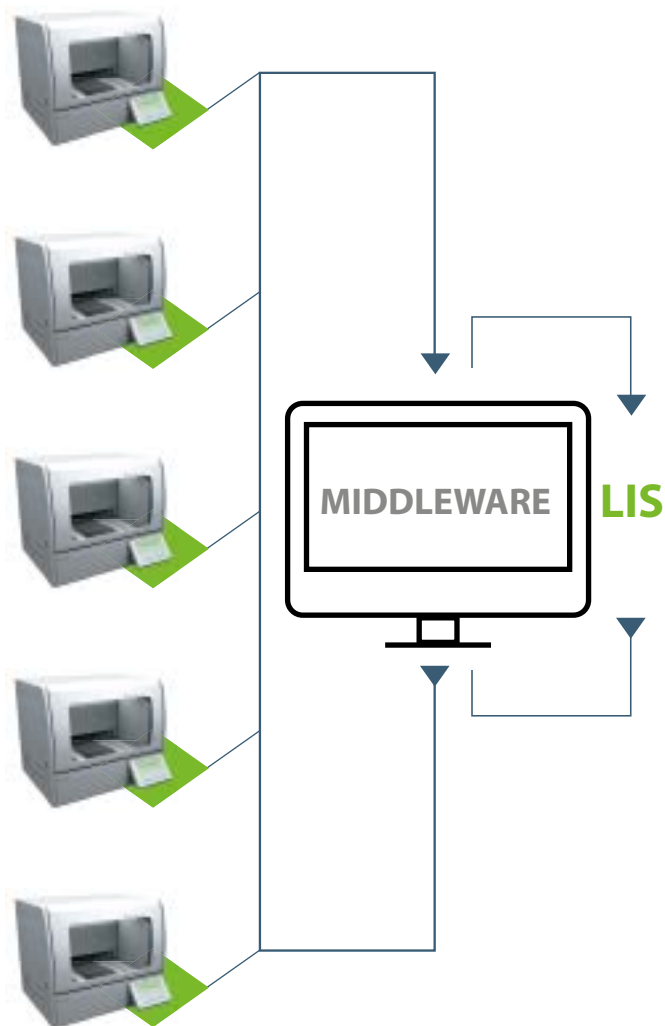
- Multiple targets from one extracted sample
- Multiple sample types from different patients
- Eluate storage for multiple PCR testing, additional retesting or archiving
- Primary and secondary tube loading
- Singleplex and multiplex assay
- Quantitative and qualitative results
- Open mode capability for LDTs & Third Party Assays

12 independent channels



Random Batch Solution

ELITe MGB® Assays offer the broadest sample-to-result CE-IVD solution for Molecular Diagnostics on the market



Unlimited SCALABILITY based on your needs

The first middleware specifically designed for Molecular Diagnostics

Multiple platform workflow optimization

Automatic sample check-in/check-out

Test history database

Customized diagnostics algorithms

ELITechGroup is a global provider of Molecular Diagnostics solutions and a leading innovator in PCR technologies including the revolutionary Minor Groove Binder (MGB®) technology.

Ordering information		Quantity	Reference
ELITE InGenius®	Sample-to-result instrument with touch screen	1	INT030
ELITE InGenius® SP 200	Universal, unitary extraction cartridge - 200µL sample	48	INT032SP200
ELITE InGenius® SP 1000	Universal, unitary extraction cartridge - 1 mL sample	48	INT033SP1000
ELITE InGenius® SP RNA	Universal, unitary extraction cartridge for RNA - 200µL sample	48	INT034SPRNA
ELITE InGenius® DNase I	Reagents associated to ELITE InGenius SP RNA	48	INT034DNASE
ELITE InGenius® SP200 Consumable Set	Tip Cassettes	4x12	INT032CS
	Extraction Tubes	48	
	Elution Tubes 0.5 mL	50	
ELITE InGenius® Sonication tubes	Sonication Tubes Sonication Tubes Caps	4x48 4x48	INT032SON
ELITE InGenius® PCR Cassette	Universal PCR reaction vessels	4x48	INT035PCR
ELITE InGenius® Waste Box	Plastic bags for tip waste	20	F2102-000
Filter Tips 300	Filter tips 300 µl	10x96	TF-350-L-R-S



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