



47 CE-IVD Real Time PCR assays 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. JIROVECII 9 13
HSV2 1 2 4	HHV7 1 2	WNV** 1 4 5



Sexually Transmitted Infections

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



Respiratory Infections

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



Blood Borne Viruses

HBV 2 3	HCV 2 3	HIV1 2
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Meningitis & Encephalitis

VIRAL PANEL 4 HSV1 HSV2 VZV	VIRAL PANEL 2 4 Enterovirus Parechovirus Adenovirus	BACTERIAL PANEL 1 4 <i>N. meningitidis</i> <i>S. pneumoniae</i> <i>H. influenzae</i> <i>H. influenzae</i> type B
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Healthcare Associated Infections

CRE 8 12 9* 25* KPC IMP-VIM-NDM OXA	COLISTIN-R 8 <i>mcr1</i> <i>mcr2</i>	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* <i>S. aureus</i> <i>mecA / mecC</i>	



Gastrointestinal Infections

VIRAL PANEL 10 Rotavirus Adenovirus Astrovirus	NOROVIRUS PANEL 10 Genotypes I & II
BACTERIAL PANEL 10 <i>Salmonella</i> <i>Campylobacter</i> <i>Y. enterocolitica</i>	PARASITIC PANEL 10 <i>G. lamblia</i> <i>C. parvum</i> <i>E. histolytica</i>



Genetics

COAGULATION 1 Factor II Factor V MTHFR
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Oncohematology

BCR-ABL P190* 24	BCR-ABL P210 24
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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 Cavity 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
** Available in Open Mode
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