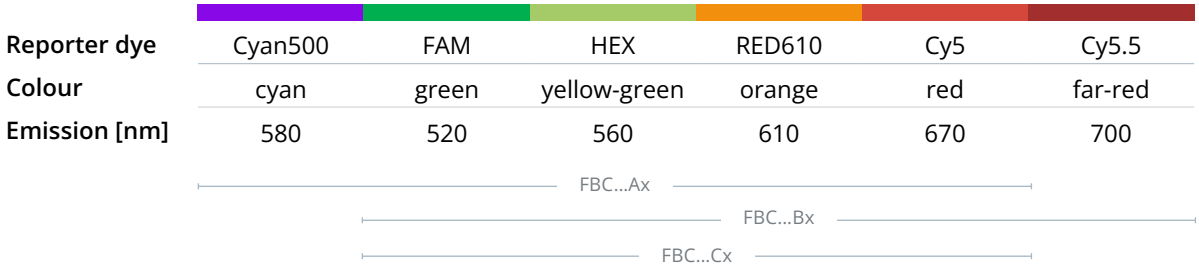
Lab *direct* qPCR

Our EU-IVDR certified, multiplex qPCR kits simplify detection of up to four different targets in a single reaction. They are provided as ready-to-use solutions, simply:

1. Perform RNA/DNA extraction
2. Add the eluate(s) and controls to the plated reaction mix (solution A)
3. Run the assay on any qPCR cycler and obtain your results

Lab *direct* qPCR kits are available in multiple instrument configurations to ensure optimal compatibility with commonly used real-time PCR platforms and fluorescence channel settings, including alternative fluorescence channel options for the internal control.

The kits require either ≤3 detection channels or one of the following channel configurations:



Respiratory Infection Assays

Bacterial panels	Targets	Format	Configuration	Ref.No.	Certification Status
res1plex *direct* PCR	*M.pneumoniae, C.pneumoniae,L.pneumophila*	96 rxn	-	FBC119	IVDR
res2plex *direct* PCR	*B.parapertussis, B.pertussis*	96 rxn	-	FBC120	IVDR
res3plex *direct* PCR	*H.influenzae, S.pneumoniae*	96 rxn	-	FBC121	IVDR

Viral panels	Targets	Format	Configuration	Ref.No.	Certification Status
res4plex *direct* RT-PCR	Influenza A, Influenza B, SARS-CoV-2, Respiratory Syncytial Virus (RSV)	96 rxn	Ax	FBC107-Ax	IVDR
		96 rxn	Bx	FBC107-Bx	IVDR
		96 rxn	Cx	FBC107-Cx	IVDR
res5plex *direct* RT-PCR	Parainfluenza virus 1/ 2/ 3/ 4, Adenovirus, Enterovirus/Rhinovirus	96 rxn	-	FBC117	IVDR
res6plex *direct* RT-PCR	Human Coronavirus (229E/ NL63/ OC43/ HKU1), Metapneumovirus, Bocavirus	96 rxn	-	FBC118	IVDR
COVID-19 *direct* RT-PCR	SARS-CoV-2 (N-gene; E-gene)	96 rxn	-	FBC101-Cx	IVDR
COVID-19 *direct* RT-PCR Omicron	SARS-CoV-2 (N-gene; E-gene); SARS-CoV-2 (Y505H mutation)	96 rxn	-	FBC106	IVD

Gastrointestinal Infection Assays

Bacterial / Parasite panels	Targets	Format	Configuration	Ref.No.	Certification Status
GastroBac *direct* PCR	*Campylobacter spp., Salmonella spp., Shigella spp./EIEC, Yersinia enterocolotica/ Yersinia pseudotuberculosis*	96 rxn	Ax	FBC115-Ax	IVDR
		96 rxn	Bx	FBC115-Bx	IVDR
Helicobacter *direct* PCR	*Helicobacter pylori,* A2142G/C, A2143G (Clarithromycin resistance), C261A/G, G271A/T, A272G (Levofloxacin resistance)	96 rxn	Ax	FBC116-Ax	IVDR
		96 rxn	Bx	FBC116-Bx	IVDR
GastroPar *direct* PCR	*Cryptosporidium spp., Entamoeba histolytica, Giardia lamblia, Strongyloides stercoralis*	96 rxn	Ax	FBC110-Ax	under development
		96 rxn	Bx	FBC110-Bx	under development

Viral panels	Targets	Format	Configuration	Ref.No.	Certification Status
GastroVir1 *direct* RT-PCR	Norovirus GI/GII, Rotavirus	96 rxn	-	FBC108	IVDR
GastroVir2 *direct* RT-PCR	Adenovirus, Astrovirus, Sapovirus	96 rxn	-	FBC109	IVDR

Hospitally Acquired Infection Assays

Bacterial panels	Targets	Format	Configuration	Ref.No.	Certification Status
MRSA *direct* PCR*	MREJ, mec A, mec C, van A	96 rxn	Ax	FBC131-Ax	IVDR
	MREJ, mec A, mec C, van A	96 rxn	Bx	FBC131-Bx	IVDR
	MREJ, mec A, mec C	96 rxn	Cx	FBC131-Cx	IVDR

* The assay can also be performed directly on the sample without prior isolation or purification.

Upcoming Assays

Bacterial / Viral panels	Targets	Format	Ref.No.	Certification Status
HSV *direct* PCR	HSV1, HSV2	96 rxn	FBC127	IVDR compliant by Q1/2027
STIBac1 *direct* PCR	*C. trachomatis, N. gonorrhoeae, M. genitalium*	96 rxn	FBC128	
STIBac2 *direct* PCR	*T. vaginalis, U. urealyticum, M. genitalium*	96 rxn	FBC129	
STIBac3 *direct* PCR	*U. parvum, G.vaginalis, M.hominis*	96 rxn	FBC130	
T. pallidum direct PCR	*T. pallidum*	96 rxn	FBC132	
HPV *direct* PCR	Genotype 16, Genotype 18, Genotype 31/ 33/ 35/ 39/ 45/ 52/ 56/ 58/ 59/ 68	96 rxn	FBC124	
VRLR *direct* PCR	Vancomycin-resistant and linezolid-resistant enterococci	96 rxn	FBC125	
CarbaESBL *direct* PCR	Carbapenemase- and ESBL-producing gram-negative bacteria	96 rxn	FBC126	
TB y/n+ *direct* PCR	*M.tuberculosis, Rifampicin, Isoniazid and Fluorochinolone-Resistance*	96 rxn	FBC123	
Mpox *direct* PCR	Monkeypox virus	96 rxn	FBC122	

Get in touch and order your kit!

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