

Diagnos^tics Defining TherapyTM

PlexPCR[®] tests combine multiple, clinically relevant infectious disease targets into a single test solution - simplifying patient diagnostics and streamlining patient management.

Respiratory Testing				
Name	Advantage	Compatible	Size	Cat#
PlexPCR [®] RespiVirus*	Two-well test combined with SpeedX automated analysis software. Process up to 186 samples in an 8hr shift with a single operator and platform. Combined with PlexPrep [™] automation process up to 1536 samples in an 8hr shift with a single operator.	LC480 II	192 reactions	1201192
	Description: Detect and differentiate Influenza A, Influenza B, Rhinoviruses (A & B), Respiratory Syncytial Viruses (A & B), Human metapneumovirus, Adenoviruses (B & C), and Human parainfluenza viruses 1, 2, 3 and 4.			
PlexPCR [®] SARS-CoV-2 ⁻	Dual target, single well test with scalable workflow for surge capacity. Regular performance monitoring for confidence in variant detection.	LC480 II/ CFX	384 reactions	1301384
	Description: Detect COVID-19 causative coronavirus, SARS-CoV-2 with dual gene targets (RdRp/ORF1ab) and RNA-based internal control			
RESEARCH ONLY				
PlexPrime [®] SARS-CoV-2 Genotyping	Investigate positive SARS-CoV-2 samples for relevant and circulating COVID-19 mutations linked to variants of concern(VOC)	All platforms	200 reactions	Enquiry
	Description: Single-well and multiplex reflex solutions to determine presence of key mutations linked to circulating VOC. Including alpha/beta/gamma+, delta+, and more in development.			
COMING SOON				
RespiBacteria [§]	Comprehensive molecular solution to detect and distinguish common bacterial causes of respiratory infection.			

Accessories				
Name	Description	Compatible	Size	Cat#
PlexPrep [™]	Compact, simple-to-use robotics for precision liquid handling.	Enquire	63.5cm x 53.4cm, 41.6kg	6600200-01
ResistancePlus [®] MG Positive Control	Positive control DNA for wild type (23S rRNA) or mutant (23S rRNA mutations: A2058G, A2059G, A2058T, A2058C, A2059C) <i>M. genitalium</i> .	All platforms	10 reactions	95001
ResistancePlus [®] GC Control	Negative and Positive control DNA for <i>N. gonorrhoeae</i> (<i>porA</i> & <i>opa</i>), and <i>gyrA</i> S91 wildtype or <i>gyrA</i> S91F mutant targets.	All platforms	10 reactions	95003
PlexPCR [®] RespiVirus Positive Control	Positive control DNA for FluA, FluB, RhV, RSV, HMPV, AdV and HPIV 1-4 targets.	All platforms	10 reactions	95002
PlexPCR [®] Colour Compensation Kit	For the generation of a PlexPCR [®] Colour Compensation file. Supplied by request for LightCycler instrumentation.	LC480 II/ LC480 I/z480	2 reactions	90001

SpeedX tests go beyond simple detection, providing clinically relevant information to support patient management and inform treatment decisions.

ResistancePlus® tests combine organism detection with genetic markers linked to antibiotic susceptibility or resistance — providing valuable information to guide treatment decisions.

Sexual Health Testing				
Name	Advantage	Compatible	Size	Cat#
ResistancePlus® GC*	Provide therapeutic guidance for gonorrhoea infections and adhere to EU guidelines recommending preferential ciprofloxacin treatment. ¹ All ResistancePlus® tests run on uniform profiles for simplified lab workflow.	LC480 II/ z480	100 reactions	2011001
			25 reactions	2011025
		ABI 7500/ 7500 Fast/Dx	100 reactions	2013001
			25 reactions	2013025
		CFX96 IVD/ CFX96 Touch	100 reactions	2015001
			25 reactions	2015025
Description: <i>Neisseria gonorrhoeae</i> (GC) and <i>gyrA</i> markers linked to ciprofloxacin susceptibility or resistance.				
ResistancePlus® MG*	Provide therapeutic guidance for <i>Mycoplasma genitalium</i> (Mgen) infections. Resistance Guided Therapy is clinically demonstrated to improve patient cure rate ² and is recommended in EU and local management guidelines. ³⁻⁶ All ResistancePlus® tests run on uniform profiles for simplified lab workflow.	LC480 II/ z480	100 reactions	20001L-01
			25 reactions	2000125
		ABI 7500/ 7500 Fast/Dx	100 reactions	2000201
			25 reactions	2000225
		CFX96 IVD/ CFX96 Touch	100 reactions	2000301
			25 reactions	2000325
Description: <i>Mycoplasma genitalium</i> (Mgen) and 5 mutations linked to macrolide (azithromycin) resistance.				
PlexPCR® VHS*	Confidently distinguish atypical lesions with definitive molecular diagnostics. Reduce risk of syphilis outbreaks with PCR sentinel screening, offering early infection detection on all lesions. ⁷ Two tests, one platform - software options can exclude <i>Treponema pallidum</i> detection if required.	LC 480 II	100 reactions	1121001
		ABI 7500/ 7500 Fast/Dx	100 reactions	1123001
		CFX96 IVD/ CFX96 Touch	100 reactions	1125001
Description: Detect and differentiate herpes simplex virus types 1 & 2 (HSV-1 & HSV-2), Varicella zoster virus (VZV), and <i>Treponema pallidum</i> (syphilis).				
PlexPCR® HSV-1&2, VZV*	Detect and differentiate HSV-1, HSV-2 and VZV. Does not require additional software.	LC480 II	100 reactions	11101L-01

*Not available in the U.S. §Not yet commercially available. ~Not available in the U.S. TGA anticipated 2021

References: 1. Bignell C & Unemo M. 2012 European Guideline on the Diagnosis and Treatment of Gonorrhoea in Adults. 2. Read TRH et al. CID 2019; 68(4):554-560. 3. Jensen J, Cusini M, Gomberg M. 2016 European guideline on Mycoplasma genitalium infections. 4. Horner PJ et al. 2016 European guideline on the management of non-gonococcal urethritis. 5. <https://www.sfdermato.org/actualites/communiqué-commun-gridist-et-sfd.html>. 6. Soni S et al. British Association for Sexual Health and HIV national guideline for the management of infection with Mycoplasma genitalium (2018). 7. Acqah R et al. Sex Transm Infect 2017;93:326.

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