

Diagnostics Defining Therapy™

SpeedX tests go beyond simple detection, providing clinically relevant information to support patient management and inform 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	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	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
COMING SOON				
CT/GC/TV/MG [§]	Detect and differentiate <i>Chlamydia trachomatis</i> , <i>Neisseria gonorrhoeae</i> , <i>Trichomonas vaginalis</i> and <i>Mycoplasma genitalium</i> in a single-well multiplex.			
CT/LGV [§]	Detect <i>Chlamydia trachomatis</i> and serovars (L1, L2, L2a, L2b or L3) causing Lymphogranuloma venereum infection in a single-well multiplex.			
MG + ParC [§]	Detect <i>Mycoplasma genitalium</i> and mutations in the <i>ParC</i> gene linked to fluoroquinolone resistance.			

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

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.	LC480 II	100 reactions	1201001
		ABI 7500 Fast/ 7500 Fast Dx	100 reactions	1203001
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.				
COMING SOON				
RespiBacteria [§]	Comprehensive molecular solution to detect and distinguish common bacterial causes of respiratory infection.			
MP + 23S [§]	Detect <i>Mycoplasma pneumoniae</i> and genetic variants in the 23S rRNA gene that confer resistance to front-line macrolide antibiotics.			

Accessories				
Name	Description	Compatible	Size	Cat#
PlexPCR® Amplification Control	Heterologous control DNA for use as an amplification control in sample extracts. Use with either ResistancePlus® MG or GC kits. Simplify your reflex test workflow and save on re-extraction costs.	All platforms	100 reactions	90002
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	2 reactions	90001

*Not available in the U.S. §Not yet commercially available.

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. Homer 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. Acquah R et al. Sex Transm Infect 2017;93:326.

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