

ResistancePlus™ MG

CE IVD*

Go Beyond Detection



The first CE/IVD* test to detect *M. genitalium* and determine azithromycin resistance.

- 🧬 Detection of macrolide resistance is demonstrated to improve patient management.¹
- 🧬 Macrolide resistance testing is recommended by international guidelines on *Mycoplasma genitalium* infection and management of non-gonococcal urethritis (NGU).^{1,2}

PlexPCR™

ResistancePlus™ MG is a multiplex qPCR test for detection of *Mycoplasma genitalium* and five azithromycin resistance markers, validated for a range of specimen types.³ **ResistancePlus™** MG is powered by proprietary **PlexPCR™** technologies demonstrating improved multiplex performance compared with other probe-based tests.⁴

Single-well **PlexPCR™** Test

Channel	Target
1	<i>M. genitalium</i> (MgPa)
2	23S rRNA (A2058T, A2058C, A2058G, A2059C, A2059G)
3	Internal Control

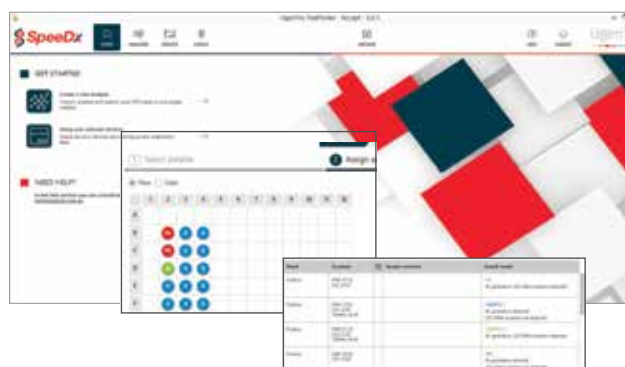
Demonstrated clinical performance³

	MG Detection	Resistance Markers
Sensitivity	98%	92.5%
Specificity	100%	100%

Validated with urine and multiple swabs (anal, endocervical, vaginal and high vaginal).³

ResistancePlus™ MG Analysis Software

Validated software solution in partnership with UgenTec. Automated result calling and simple sample processing to support rapid, routine diagnostics.



ResistancePlus™ MG the first CE/IVD qPCR technology to Go Beyond Detection

Product	Size	Catalogue #	Platform
ResistancePlus™ MG*	100 reactions	20001L-01 2000201	LC480 II ABI 7500
ResistancePlus™ MG Positive Control*	10 reactions	95001	All Platforms
ResistancePlus™ MG Colour Compensation^	2 reactions	90001	LC480 II
FastFinder ResistancePlus™ MG Analysis Software	1 unit	99002/99003	Windows

1. Jensen, M Cusini, M Gomberg. 2016 European guideline on Mycoplasma genitalium infections. 2. Horner PJ et al. 2016 European guideline on the management of non-gonococcal urethritis. 3. **ResistancePlus™** MG Instructions for use 4. Tan LY et al, Superior Multiplexing Capacity of PlexPrimers Enables Sensitive and Specific Detection of SNPs and Cluster Mutations in qPCR. PLOS ONE. Published online 23 Jan 2017 * Not for sale in USA. ^ Calibration on LC480 II **ResistancePlus™** MG kits are developed and manufactured by **SpeedX** Pty Ltd, Sydney. **PlexPCR™** & **ResistancePlus™** are trademarks of **SpeedX** Pty Ltd. Other copyright and trademarks are the property of the respective owners. **SpeedX** Pty Ltd products may be covered by one or more local or foreign patents. www.speedx.com.au/patents for comprehensive patent information.

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