

# PlexPCR® VHS

Complete the Picture

CE IVD\*



## Syphilis rates increasing globally and epidemic in high risk populations<sup>1-3</sup>

- 🧬 Symptomatic treatment for lesions has low accuracy (33-80%)<sup>4-6</sup> thus NAATs are recommended for genital ulcer diagnostics<sup>3,7-11</sup>
- 🧬 Atypical syphilis presentation can complicate diagnoses<sup>7,9,12</sup>
- 🧬 Early detection and appropriate treatment will improve patient outcome and reduce transmission risks<sup>3,9</sup>

**PlexPCR** VHS is a multiplex qPCR test detecting common causes of genital and oral lesions. **PlexPCR** VHS detects Herpes simplex type-1 & -2 (HSV-1 & HSV-2), Varicella zoster virus (VZV), and *Treponema pallidum* (TP) in a single well test. Powered by **PlexPCR**® proprietary technologies for improved multiplex performance compared with other probe-based methods.<sup>13</sup>

### PlexPCR VHS Single Well qPCR Test

Channel	Target
1	HSV-1
2	HSV-2
3	VZV
4	<i>T. pallidum</i>
5	Internal Control

### Demonstrated clinical performance<sup>14</sup>

	HSV-1	HSV-2	VZV	TP
Sensitivity	97.7%	100%	100%	100%
Specificity	99.7%	99.7%	99.7%	100%

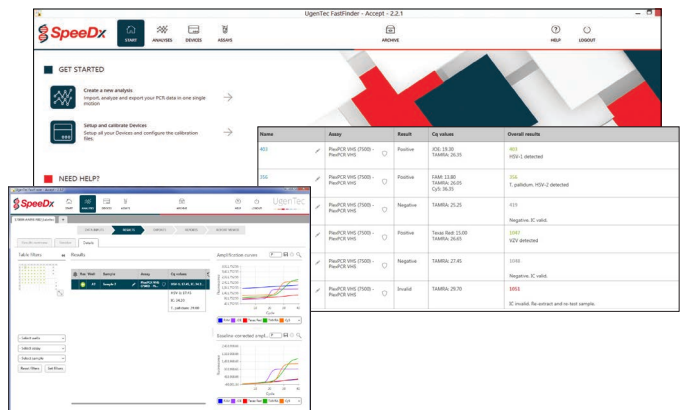
Validated with non-genital and genital swabs.<sup>14</sup>

### PlexPCR VHS Test - Results

The complete solution includes:

- Validated software
- Automated result calling
- Simple sample processing

Streamline your workflow and minimise time spent with subjective amplification curves.



## PlexPCR VHS completes the picture for lesion diagnostics

Product	Size	Catalogue #	Compatible
<b>PlexPCR</b> ® VHS*	100 reactions	1123001	ABI 7500/7500 Fast/Dx
<b>FastFinder PlexPCR</b> ® VHS Analysis Software	1 unit	99004	Windows

1. ECDC surveillance atlas of infectious diseases, syphilis 2015 2. CDC 2016 Sexually Transmitted Disease Surveillance 3. Abara WE et al. PLOS ONE Published online 22 July 2016 4. Dangor Y et al. Sex Transm Dis 1990; 17:184-189. 5. O'Farrell N et al. Genitourin Med 1994; 70: 7-11 6. Ndinya-Achola JO et al. Int J STD & AIDS 1996; 7: 201-205 7. Workowski KA et al MMWR Recomm Rep 2015;64 (RR03); 25-48 8. Patel R et al. 2017 European guidelines for the management of genital herpes 9. Janier M et al. 2014 European guideline on the management of syphilis 10. Australian STI Management Guidelines 11. Kingston M et al. UK national guidelines on the management of syphilis 2015 12. Towns JM Sex Transm Infect. 2016 Mar;92(2):110-5 13. Mokany E et al. Clin. Chem. 2013; 59(2): 419-426 14. **PlexPCR**® VHS Instructions for use \* Not for sale in USA. **PlexPCR**® VHS kits are developed and manufactured by **SpeedX** Pty Ltd, Sydney. **PlexPCR**® is a trademark 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.plexpcr.com/patents for comprehensive patent information.

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