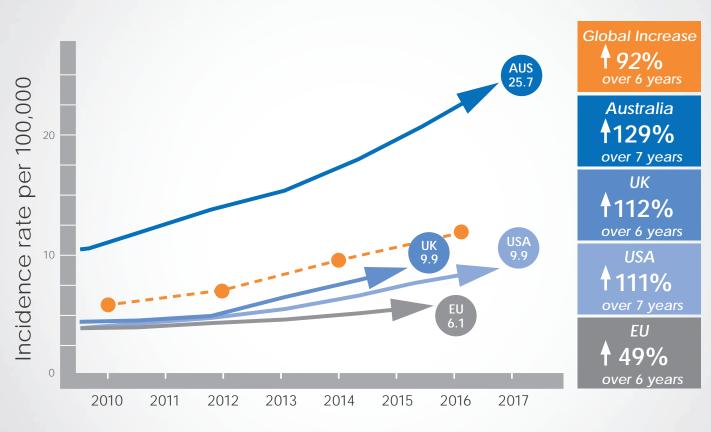
PlexPCR[®] VHS

Varicella, Herpes & Syphilis

Confident lesion testing to suit any population



Syphilis rates are on the rise¹⁻³

- Symptomatic/visual lesion diagnostics can have low accuracy (33-80%),⁴⁻⁶ molecular testing is recommended.⁷⁻¹²
- Syphilis lesions can present atypically, be painful, and appear indistinguishable from herpes.^{8,13,14}
- Atypical zoster (VZV) may account for 1-3%¹⁵⁻¹⁷ of genital lesions, misdiagnosis can affect patient psychological wellbeing.





One kit. Two tests.

Individual software modules provide two tests for one validation/verification. The automated analysis is included with the *PlexPCR*[®] VHS lesion diagnostics solution.

SpeeDx Software Module	Targets
SpeeDx Analysis <i>PlexPCR</i> ® HV	HSV-1 HSV-2 VZV
SpeeDx Analysis <i>PlexPCR</i> ® VHS	HSV-1 HSV-2 VZV T. pallidum

- Suitable for high or low risk population testing
- Multiple analysis module options for flexible target analysis
- Choose all four targets or herpes and varicella only
- Modules analysed simulatenously to streamline workflow and data analysis

Fast and reproducible data analysis.

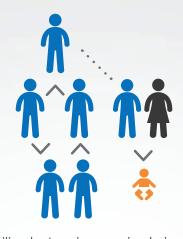
Streamline your workflow and minimise time spent with subjective amplification curves with SpeeDx Analysis software.

The complete **Plex**PCR[®] VHS solution includes:

- Automated result calling
- Simple sample processing
- Validated, high security, GDPR compliance
- Multiple analysis modules with or without syphilis

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			1047	PerPCR VHS (7500) PerPCR VHS	. 0	Positive	Texas Red: 15.00 TAMRA: 26.65	1047 VZV detected		Cycle NAM 100 100 reass Red 1 SAMRA 10 Cycl
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			2083.	 PeoPCR VHS (2500) PeoPCR VHS 	- 0	Invalid	TAMRA: 29.70	1051 IC smalld Re-estigat and re-best sample.		

"We strongly believe in having a T. pallidum PCR as part of the routine test for any genito-anal ulcer. Several patients have been found to have syphilis where this was not originally suspected, and blood tests would never have been taken." Dr. Andrew Winter, Consultant in Sexual Health and HIV Medicine, NHS Greater Glasgow and Clyde, UK.

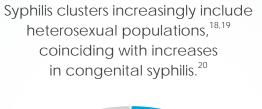


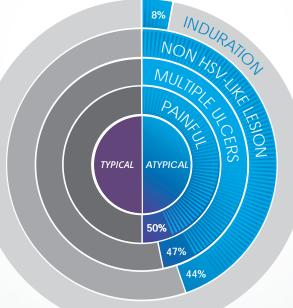


Molecular testing from a syphilis lesion is a direct detection method— simplifying diagnosis and enabling timely partner notification and contact tracing.²¹

> Surveillance or sentinal lesion screening can assist with early

detection.22,23





Atypical lesion presentation can complicate diagnosis.^{8,13-17}



Syphilis at highest rates in decades, including rise in congenital syphilis cases.^{1-4,11}

Increased number of reported syphilis epidemics and outbreaks.²⁴⁻²⁶



PlexPCR[®] VHS is a single-well, mulitplex qPCR test detecting common causes of genital and oral lesions. Detect Herpes simplex virus type-1 & -2 (HSV-1 & HSV-2), and Varicella zoster virus (VZV), with software analysis options to include *Treponema pallidum* (syphilis) detection. *PlexPCR*[®] VHS is powered by *PlexPCR*[®] proprietary technologies for improved multiplex performance compared with other probe-based methods.²⁶

Channel	Target
1	HSV-1
2	HSV-2
3	VZV
4	T. pallidum (optional analysis)
5	Internal Control

Demonstrated clinical performance²⁸

	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.²⁸

PlexPCR[®] VHS Flexible lesion diagnostics

Product	Compatible	Size	Cat #
	ABI 7500/7500 Fast/Dx	100 reactions	1123001
PlexPCR [®] VHS [*]	LC 480 II	100 reactions	1121001
	CFX IVD, CFX Touch	100 reactions	1125001

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