PlexPCR® HSV-1&2, VZV

Herpes lesions



Demonstrated performance for confident results[1]

- Symptomatic diagnosis of genital ulcers is often unreliable, with accuracy ranging from 33% to 80%[2-4]
- Streamline molecular Herpes testing with a sensitive, single-well assay
- Validated across a range of specimen types from symptomatic patients: genital, non-genital samples, anal/rectal and oral.[ø]

IVD

SpeeDx

***Plex**PCR*® HSV-1&2, VZV kit is a multiplex qPCR test for detection and differentiation of HSV-1, HSV-2 and VZV from cutaneous and mucocutaneous[ø] lesion swab specimens. Proprietary ***Plex**Zyme*® technology provides 4-levels of specificity and improved multiplex performance compared with other probe-based tests[5] to streamline your Herpes testing workflow.

Performance of ***Plex**PCR*® HSV-1&2, VZV[~]			
	HSV-1	**HSV-2**	**VZV**
Sensitivity	100%	100%	96.3%
Specificity	99.2%	100%	100%

Have you been missing VZV?

- Skin and genital lesions have similar clinical presentation for all three viruses[6]
- Up to 3% of genital swab samples are VZV positives[7]
- VZV requires different treatment and therapeutic intervention to HSV[7]

Product	Compatible	Size	Cat#
***Plex**PCR*® HSV-1&2, VZV[†]	LC480 II	100 reactions	11101L-01
Positive Control HSV/VZV/TP	All Platforms	2 x Swabs	95007
***Plex**PCR*® Colour Compensation[^]	LC480 II	2 reactions	90001

ø Cutaneous (skin, penis) and mucocutaneous (eye, oral, vaginal) of symptomatic patients
~ Compared with bioMérieux HSV1, HSV2, VZV R-gene®
† Validated on LightCycler 480 Instrument II
^ Supplied upon request. This kit is only required for initial set-up to establish calibration of ***Plex**PCR*® kits on the LC480 instrument

References
1. Contact tech@speedx.com.au for latest QAP results **2.** Dangor Y et al. Sex Transm Dis. 1990; 17: 184–189 **3.** O'Farrell N et al. Genitourin Med. 1994; 70: 7–11 **4.** Ndinya-Achola JO et al. Int J STD & AIDS 1996; 7: 201–205 **5.** ***PlexPCR***® HSV-1&2, VZV Instructions for Use **6.** Simon HK, Steele DW, Varicella: pediatric genital/rectal vesicular lesions of unclear origin. Ann Emerg Med. 1995;25:111–114 **7.** Birch CJ et al. Detection of varicella zoster virus in genital specimens using a multiplex polymerase chain reaction. Sex Transm Infect 2003;79:298–300

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