



# PlexPrime<sup>®</sup> HSV, VZV, TP\*

**Test Reagent**

PlexPrime<sup>®</sup> HSV, VZV, TP (Research Use Only)

**Description**

Single-well multiplex for simultaneous detection of targets specific to Herpes simplex virus type -1 and -2 (HSV-1 and HSV-2), Varicella zoster virus (VZV), and *Treponema pallidum* (syphilis) and internal control, using PlexPCR<sup>®</sup> technology

**Sample Extraction**

Samples should be extracted as DNA

### Product Design

Well	Channel	Target	qPCR cycling duration
1	1	HSV-1 specific target	1hr 15 minutes
	2	HSV-2 specific target	
	3	VZV specific target	
	4	<i>T. pallidum</i> specific target	
	5	Internal Control	
Plate Format		Total Reactions	Reaction Volume
96-well		100	20 µL

### Workflow Flexibility

	Instrument	Extraction kit	
Sample Extraction	MagNA Pure 96	MagNA Pure 96 DNA and Viral NA Small Volume Kit	
	QIAasymphony SP	DSP Virus/Pathogen Minikit	
	QIAcube HT	QIAamp <sup>®</sup> 96 Virus QIAcube <sup>®</sup> HT Kit	
Liquid Handling	Lab self-validated		
	Instrument	SpeedX Kit Cat #	
Amplification	Roche LC480 II	Inquire	
	CFX96 IVD / CFX96 Touch	7255000	
	ABI 7500 Fast / 7500 Fast Dx / QuantStudio	7243000	
Optional positive control	Compatible	Size	SpeedX Kit Cat #
Positive Control HSV/VZV/TP	All platforms	2 x 1 Swabs	95007

### Shipping & Storage

Shipping	Storage
Reagents — dry ice/ice packs	Store protected from light between -25°C to -15°C

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