



# Solana<sup>®</sup>

## HSV 1+2/VZV ASSAY



Remove the uncertainty in your lesion diagnosis.

Solana with Solana HSV 1+2/VZV detects and differentiates Herpes simplex virus type 1, Herpes simplex virus type 2 and Varicella-zoster virus in just 60 minutes. Solana HSV 1+2/VZV offers a scalable and flexible molecular solution that delivers highly accurate molecular results in an actionable timeframe.

### Prompt initiation of patient management and antiviral therapy

- Results in just 60 minutes
- High volume throughput capabilities  
Batch up to 12 tests per run

### Ease and Affordability

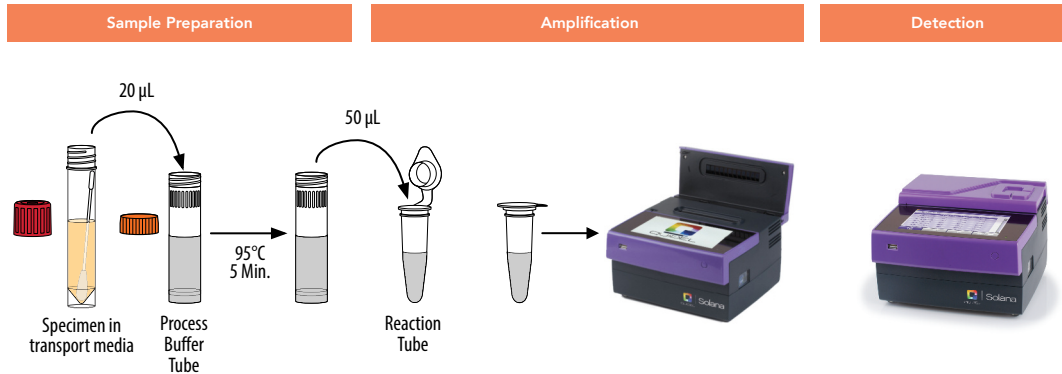
- Reduced hands-on time vs. culture
- Simple procedure
- Competitive reagent pricing
- Flexible instrument placement options

The Accurate. Sustainable.  
Molecular HSV/VZV Solution.

*Solana HSV 1+2/VZV Assay is used with the Solana bench top instrument, which measures 9.4" x 9.4" x 5.9"*



# Procedure



## Clinical Performance

### Cutaneous Lesions

#### HSV-1 Results

Solana HSV 1+2/VZV Assay	Comparator: ELVIS® HSV ID and D <sup>3</sup> Typing Test		
	Positive	Negative	Total
Positive	22	5*	27
Negative	0	222	222
<b>Total</b>	<b>22</b>	<b>227</b>	<b>249</b>
Sensitivity	22/22	100%	
Specificity	222/227	97.8%	

\*Three (3) of the five (5) positives were positive by an additional RT-PCR assay.

#### HSV-2 Results

Solana HSV 1+2/VZV Assay	Comparator: ELVIS HSV ID and D <sup>3</sup> Typing Test		
	Positive	Negative	Total
Positive	24	14*	28
Negative	2**	235	237
<b>Total</b>	<b>26</b>	<b>249</b>	<b>275</b>
Sensitivity	24/26	92.3%	
Specificity	235/249	94.4%	

\*Thirteen (13) of the fourteen (14) positives were positive by an additional RT-PCR assay.

\*\*Two (2) of the two (2) negative were positive by an additional RT-PCR assay.

#### VZV Results

Solana HSV 1+2/VZV Assay	Comparator: DSFA and Culture with DFA		
	Positive	Negative	Total
Positive	22	7*	29
Negative	0	193	193
<b>Total</b>	<b>22</b>	<b>200</b>	<b>222</b>
Sensitivity	22/22	100%	
Specificity	193/200	96.5%	

\*Six (6) of the seven (7) positives were positive by an additional RT-PCR assay.

### Mucocutaneous Lesions

#### HSV-1 Results

Solana HSV 1+2/VZV Assay	Comparator: ELVIS HSV ID and D <sup>3</sup> Typing Test		
	Positive	Negative	Total
Positive	113	14*	127
Negative	0	374	374
<b>Total</b>	<b>113</b>	<b>388</b>	<b>501</b>
Sensitivity	113/113	100%	
Specificity	374/388	96.4%	

\*Six (6) of the fourteen (14) positives were positive by an additional RT-PCR assay.

#### HSV-2 Results

Solana HSV 1+2/VZV Assay	Comparator: ELVIS HSV ID and D <sup>3</sup> Typing Test		
	Positive	Negative	Total
Positive	108	14*	122
Negative	1**	487	488
<b>Total</b>	<b>109</b>	<b>501</b>	<b>610</b>
Sensitivity	108/109	99.1%	
Specificity	487/501	97.2%	

\*Eleven (11) of the fourteen (14) positives were positive by an additional RT-PCR assay.

\*\*One (1) of the one (1) negatives was positive by an additional RT-PCR assay.

#### VZV Results

Solana HSV 1+2/VZV Assay	Comparator: DSFA and Culture with DFA		
	Positive	Negative	Total
Positive	4	5*	9
Negative	0	363	363
<b>Total</b>	<b>4</b>	<b>368</b>	<b>372</b>
Sensitivity	4/4	100%	
Specificity	363/368	98.6%	

\*One (1) of the five (5) positives was positive by an additional RT-PCR assay.

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QUIDEL

Solana HSV 1+2/VZV Assay – 48 Test Kit: Cat. #23043114  
 Solana HSV 1+2/VZV Control Set – 50-Reaction Kit: Cat. #23043115  
 Solana HSV 1+2/VZV Startup Kit: Cat. #23043113

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