

# AccuVert™ Syphilis Seroconversion Panel

PSS901 (0615-0017) / Batch #10420465

## OVERVIEW

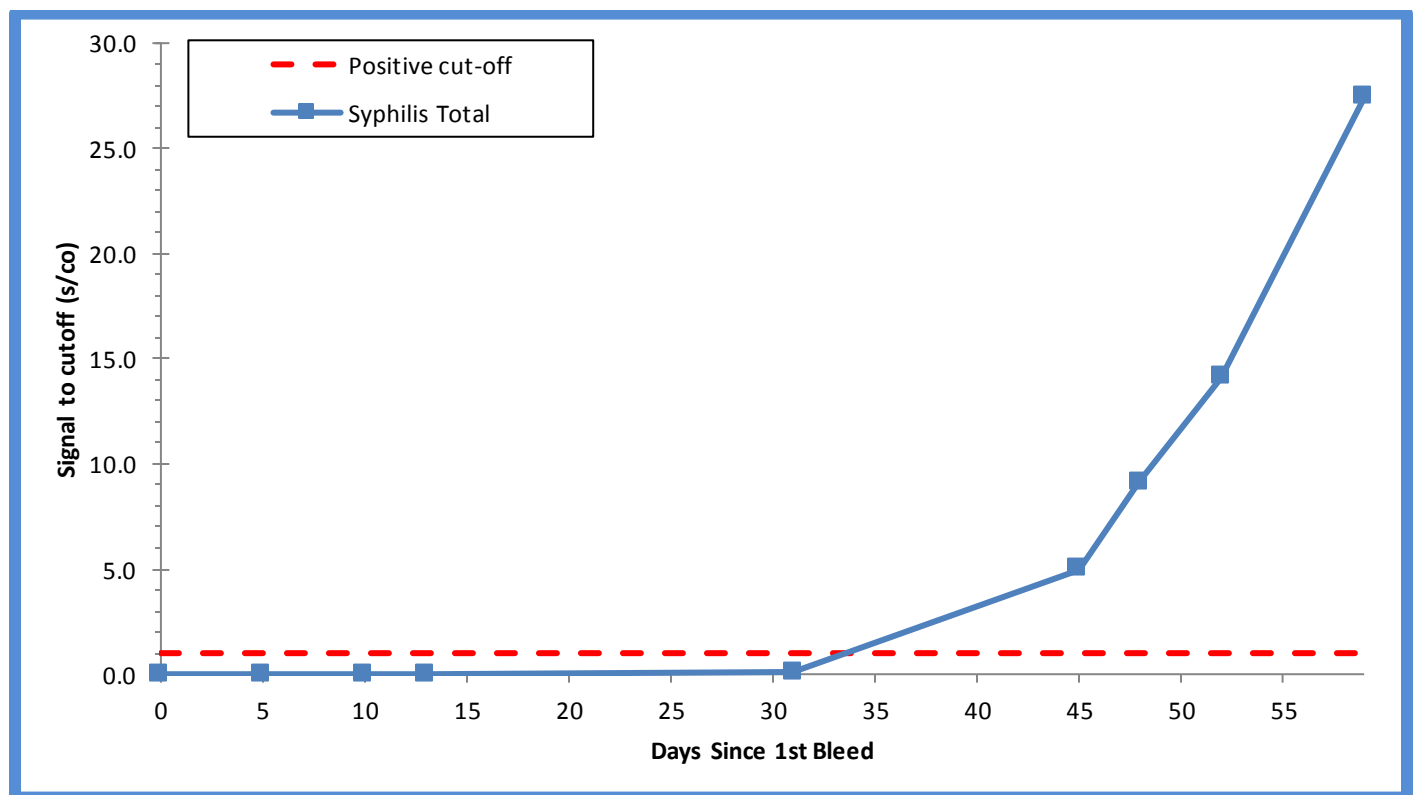
AccuVert™ Syphilis Seroconversion Panel PSS901 (0615-0017) / Batch #10420465 is a 9-member panel of undiluted, naturally occurring plasma samples (1 vial per member, 1.2 mL per vial) collected over 60 days in 2012 from a 41-year old female during a period of syphilis seroconversion.

Test results from commercially available syphilis assays are included for reference. This panel converts from negative to positive for both non-treponemal and treponemal-specific tests, demonstrating an early syphilis infection.

For Research Use Only. Not for use in diagnostic procedures. Data are offered for informational purposes. SeraCare Life Sciences does not claim that others can duplicate test results exactly.

**CAUTION:** Potentially infectious materials. Follow Universal Precautions. Some panel members were found positive for syphilis, all were found negative for anti-HIV, HBsAg and anti-HCV. This does not ensure the absence of these or other human pathogens.

**Evolution of Syphilis Markers in Early Infection**



*This graph demonstrates the evolution of early syphilis infection amongst panel members from the Abbott ARCHITECT Syphilis Total test method.*

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**Panel Member Information**

Panel Member	SeraCare Batch #	SeraCare Donor ID #	Bleed Date	Days Since 1 <sup>st</sup> Bleed
01	9260239	BD111360	22-Feb-2012	0
02	9260240	BD111360	27-Feb-2012	5
03	9260241	BD111360	03-Mar-2012	10
04	9260242	BD111360	06-Mar-2012	13
05	9260243	BD111360	24-Mar-2012	31
06	9260244	BD111360	07-Apr-2012	45
07	9260245	BD111360	10-Apr-2012	48
08	9260238	BD111360	14-Apr-2012	52
09	9260246	BD111360	21-Apr-2012	59

**Non-Treponemal - Rapid Plasma Reagin (RPR)**

Panel Member	Remel RPR Card Test	Becton Dickinson Macro-Vue™ RPR Card Test
01	NEG	NEG
02	NEG	NEG
03	NEG	NEG
04	NEG	NEG
05	<b>POS</b>	<b>POS</b>
06	<b>POS</b>	<b>POS</b>
07	<b>POS</b>	<b>POS</b>
08	<b>POS</b>	<b>POS</b>
09	<b>POS</b>	<b>POS</b>
Test Date	03-May-2013	03-May-2013
Test Site	SC	SC
Kit Part Code	R16302	275005
Kit Lot No.	284578	2089104
Kit Exp. Date	31-Aug-2013	30-Apr-2014

POS = Positive; NEG = Negative  
SC = SeraCare

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**Treponemal – Quantitative Antibody Assays (Total, IgG and IgM)**

Panel Member	Abbott Architect Syphilis Total (s/co) <sup>1</sup>	Trinity Biotech CAPTIA™ Syphilis IgG (s/co) <sup>1</sup>	Trinity Biotech CAPTIA™ Syphilis IgM Capture (Ab Index) <sup>2</sup>	Trinity Biotech Trep-Sure™ Syphilis (Index) <sup>3</sup>
01	0.0	0.2	0.4	1.1 <sup>3</sup>
02	0.0	0.2	0.4	0.5
03	0.0	0.2	0.4	0.4
04	0.0	0.2	0.4	0.6
05	0.1	0.2	0.7	<b>3.7</b>
06	<b>5.0</b>	0.8	<b>1.2</b>	<b>4.1</b>
07	<b>9.1</b>	<b>1.2</b>	<b>1.3</b>	<b>5.0</b>
08	<b>14.1</b>	<b>1.7</b>	<b>1.5</b>	<b>4.2</b>
09	<b>27.4</b>	<b>2.0</b>	<b>1.9</b>	<b>11.2</b>
Test Date	03-Jun-2013	22-May-2019	29-May-2013	02-Aug-2013
Test Site	RL	SC	SC	SC
Kit Part Code	NA	800-970	800-935	TS-96
Kit Lot No.	22131LP19	800-970-131	800-935-021	TS-96-083
Kit Exp. Date	21-Aug-2013	30-Nov-2019	31-Oct-2013	31-Jan-2014

<sup>1</sup>Results are reported as the mean result of duplicate testing expressed as a signal to cut-off value (s/co); results in red are considered positive/reactive.

<sup>2</sup>Results are reported as the mean result of duplicate testing expressed as an antibody index value; results in red are considered positive/reactive.

<sup>3</sup>Results are reported as the mean result of duplicate testing expressed as an index value; a value between 0.8 and 1.2 is equivocal; results in red are considered positive/reactive.

SC = SeraCare; RL = Reference Lab

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Treponemal – Qualitative Antibody Assays (Total, IgG and IgM)

Panel Member	DiaSorin Liaison Treponema Syphilis	Olympus PK™ TP Syphilis	Fujirebio Serodia® TPPA Syphilis	Trinity Biotech MarBlot Syphilis IgG	Trinity Biotech MarBlot Syphilis IgM	BioRad EIA Syphilis IgM
01	NEG	NEG	NEG	NEG	NEG	NEG
02	NEG	NEG	NEG	NEG	NEG	NEG
03	NEG	NEG	NEG	NEG	NEG	NEG
04	NEG	NEG	NEG	NEG	NEG	NEG
05	NEG	NEG	NEG	NEG	NEG	NEG
06	<b>POS</b>	NEG	<b>POS</b>	IND	<b>POS</b>	<b>POS</b>
07	<b>POS</b>	<b>POS</b>	<b>POS</b>	IND	<b>POS</b>	<b>POS</b>
08	<b>POS</b>	<b>POS</b>	<b>POS</b>	IND	<b>POS</b>	<b>POS</b>
09	<b>POS</b>	<b>POS</b>	<b>POS</b>	<b>POS</b>	<b>POS</b>	<b>POS</b>
<b>Test Date</b>	29-May-2013	29-May-2013	30-May-2013	05-Jun-2013	06-Jun-2013	27-Aug-2013
<b>Test Site</b>	RL	RL	SC	SC	SC	RL
<b>Kit Part Code</b>	NA	NA	6384	40-5020G	40-5020M	NA
<b>Kit Lot No.</b>	NA	NA	308448	8285K	8295K	NA
<b>Kit Exp. Date</b>	NA	NA	27-Jan-2014	31-Aug-2013	31-Aug-2013	NA

NEG = Negative; POS = Positive; IND = Indeterminate; NA = Not Available  
SC = SeraCare; RL = Reference Lab

The package insert for this panel can be found at [www.seracare.com](http://www.seracare.com).

A printed copy of the package insert or data sheet may be requested by email at [info@seracare.com](mailto:info@seracare.com) or by phone at 508.244.6400.