

# AccuSet<sup>™</sup> HCV Low Titer Performance Panel

0810-0256 / Batch #10427870

## OVERVIEW

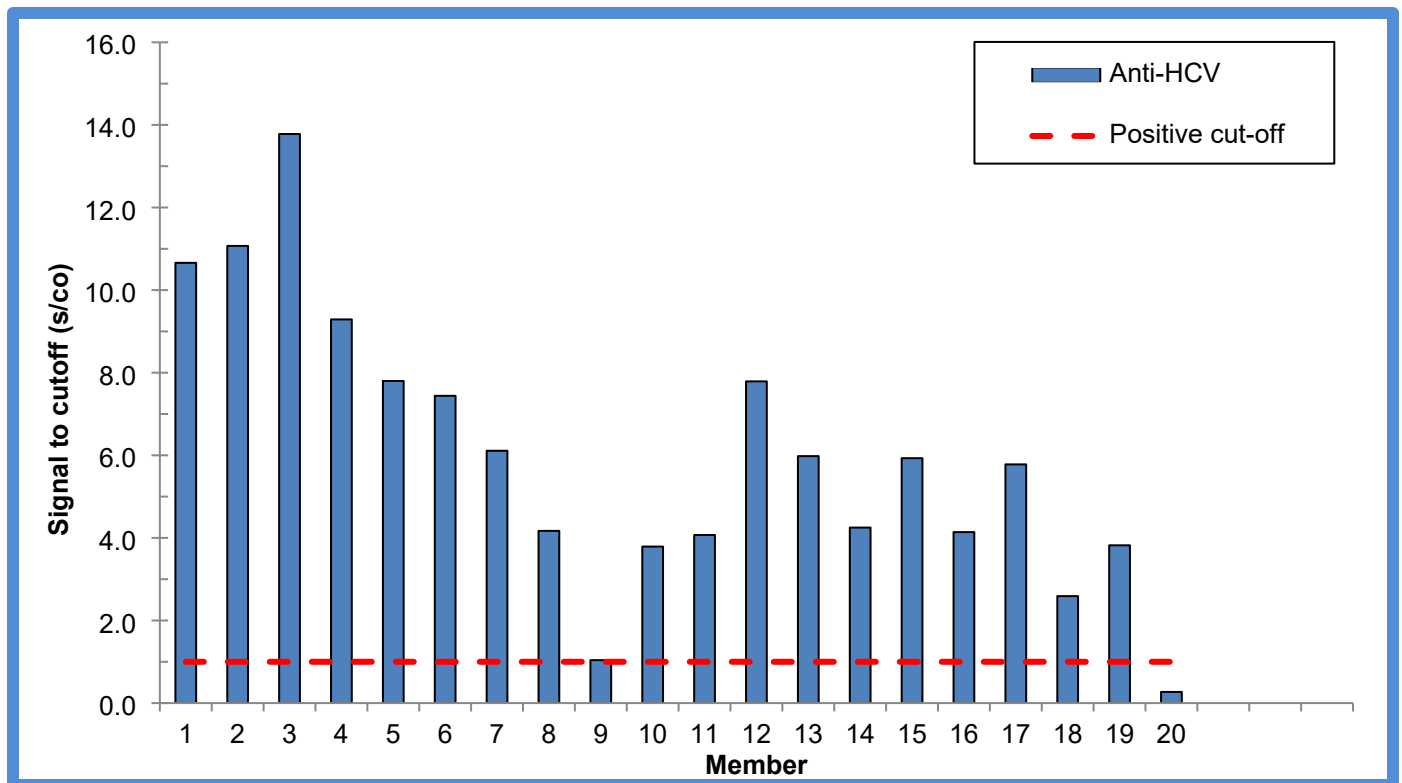
AccuSet<sup>™</sup> HCV Low Titer Performance Panel 0810-0256 / Batch #10427870 is a 20-member validation panel of undiluted, naturally occurring plasma samples (1 vial per member, 1.0 mL per vial). Panel members represent bleeds from multiple individuals positive for antibodies to HCV. Each sample represents a single collection event. No preservatives were added.

Test results from commercially available HCV assays are included for characterization of the panel members. This panel of human plasma samples demonstrates a range of antibody reactivity which approach the sensitivity limits for several anti-HCV test methods. One sample is included as a non-reactive sample and is negative for all HCV test methods performed.

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. The units that make up this panel were tested and found negative for anti-HIV-1/2 and HBsAg. This does not ensure the absence of these or other human pathogens.

AccuSet<sup>™</sup> HCV Low Titer Performance Panel



This graph demonstrates HCV antibody reactivity amongst panel members utilizing test results from the Abbott ARCHITECT test method.

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## Panel Member Information

Panel Member	SeraCare Batch #	SeraCare Donor ID #	Bleed Date
01	10395933	BD397208	04-Dec-2018
02	10395934	BD397208	06-Dec-2018
03	9239417	BD107565	29-Jan-2009
04	9242974	BD110072	12-Oct-2009
05	9251719	BD110854	07-Jan-2011
06	9251720	BD110854	10-Jan-2011
07	9251954	BD110877	29-Mar-2011
08	9251958	BD110877	31-Mar-2011
09	1000555	NA	NA
10	9252122	BD110914	05-Nov-2010
11	9252124	BD110915	13-Nov-2010
12	9140904	NA	NA
13	9140905	NA	NA
14	1000527	NA	NA
15	1000528	NA	NA
16	9252123	BD110914	03-Nov-2010
17	1000534	NA	NA
18	1000615	NA	NA
19	1000535	NA	NA
20	9176044	NA	15-Dec-2001

NA = Not Available

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## HCV RNA, HCV Antigen and Anti-HCV

Panel Member	Roche cobas® 6800/8800 HCV RNA (IU/mL) <sup>1</sup>	Abbott ARCHITECT HCV Ag (fmol/L) <sup>1</sup>	INNO-LIA™ HCV Score Band Pattern <sup>2</sup>	INNO-LIA™ HCV Score Interpretation <sup>2</sup>
01	<b>2.75 x 10<sup>4</sup></b>	<b>197.30</b>	<b>C1, NS3</b>	<b>POS</b>
02	<b>1.78 x 10<sup>3</sup></b>	<b>21.73</b>	<b>C1, NS3</b>	<b>POS</b>
03	<b>&lt;1.50 x 10<sup>1</sup></b>	0.90	<b>C1, C2, NS3</b>	<b>POS</b>
04	<b>9.23 x 10<sup>3</sup></b>	<b>3528.83</b>	<b>C1, NS3</b>	<b>POS</b>
05	<b>4.21 x 10<sup>2</sup></b>	<b>3.40</b>	NS3	IND
06	<b>2.68 x 10<sup>3</sup></b>	<b>24.47</b>	NS3	IND
07	TND	0.00	NS3	IND
08	TND	0.00	NS3	IND
09	TND	0.00	<b>C1, NS3<sup>3</sup>, NS4<sup>3</sup></b>	<b>POS</b>
10	TND	0.00	<b>C1, C2, NS3, NS4</b>	<b>POS</b>
11	TND	0.00	<b>NS3, NS4</b>	<b>POS</b>
12	TND	0.00	<b>C1, C2, NS3, NS4<sup>3</sup></b>	<b>POS</b>
13	TND	0.00	<b>NS3, NS4</b>	<b>POS</b>
14	TND	0.00	NS3	IND
15	TND	0.00	NS3	IND
16	TND	0.00	<b>C1, C2, NS3, NS4</b>	<b>POS</b>
17	TND	0.00	<b>C1, C2<sup>3</sup>, NS3</b>	<b>POS</b>
18	TND	0.00	<b>NS3, NS4</b>	<b>POS</b>
19	TND	0.00	<b>NS3, NS4</b>	<b>POS</b>
20	TND	0.00	No bands detected	NEG
Test Date	22-Jan-2024	26-Jan-2024	29-Jul-2019	
Test Site	RL	RL	RL	
Kit Part Code	NA	NA	NA	
Kit Lot No.	NA	54301LP77	405884	
Kit Exp. Date	NA	09-May-2024	31-Jan-2020	

<sup>1</sup>Results are reported as the mean result of duplicate testing; positive/reactive results are noted in bold red.

<sup>2</sup>Results are reported as singlicate testing; positive/reactive results are noted in bold red.

<sup>3</sup>Faint bands

TND = Target Not Detected; POS = Positive; NEG = Negative; IND = Indeterminate

NA = Not available; RL = Reference Lab

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## Anti-HCV

Panel Member	Abbott ARCHITECT Anti-HCV (s/co) <sup>1</sup>	Abbott PRISM HCV (s/co) <sup>1</sup>	DiaSorin LIAISON® XL MUREX HCV Ab (s/co) <sup>1</sup>	OraSure OraQuick® HCV Rapid Antibody Test Result <sup>2</sup>
01	<b>10.66</b>	<b>3.5</b>	<b>6.9</b>	<b>POS</b>
02	<b>11.07</b>	<b>3.5</b>	<b>7.8</b>	<b>POS</b>
03	<b>13.78</b>	<b>4.7</b>	<b>9.8</b>	<b>POS</b>
04	<b>9.29</b>	<b>3.4</b>	<b>7.1</b>	<b>POS</b>
05	<b>7.80</b>	<b>2.9</b>	<b>6.2</b>	<b>POS</b>
06	<b>7.44</b>	<b>3.2</b>	<b>5.6</b>	<b>POS</b>
07	<b>6.11</b>	<b>1.9</b>	<b>4.2</b>	<b>POS</b>
08	<b>4.17</b>	<b>2.1</b>	<b>2.7</b>	<b>POS</b>
09	0.94 <sup>3</sup> , <b>1.14</b> *	0.7	<b>3.3</b>	NEG
10	<b>3.79</b>	<b>1.9</b>	<b>4.2</b>	<b>POS</b>
11	<b>4.07</b>	<b>1.6</b>	<b>3.7</b>	<b>POS</b>
12	<b>7.79</b>	<b>3.4</b>	<b>9.4</b>	<b>POS</b>
13	<b>5.98</b>	<b>2.4</b>	<b>5.4</b>	<b>POS</b>
14	<b>4.25</b>	NT	0.9	NEG
15	<b>5.93</b>	<b>2.2</b>	<b>1.4</b>	NEG
16	<b>4.14</b>	<b>2.0</b>	<b>4.6</b>	<b>POS</b>
17	<b>5.78</b>	<b>2.2</b>	<b>7.0</b>	<b>POS</b>
18	<b>2.59</b>	<b>1.3</b>	<b>3.0</b>	<b>POS</b>
19	<b>3.82</b>	<b>2.1</b>	<b>3.8</b>	<b>POS</b>
20	0.27	0.4	0.1	NEG
Test Date	15-Jan-2024	02-Jul-2019 <sup>4</sup>	08-Jul-2019	28-Jun-2019
Test Site	SC	RL	RL	SC
Kit Part Code	1L79	NA	310240	1001-0181
Kit Lot No.	56375BE00	03109M700	135032A	0006671855
Kit Exp. Date	28-Jul-2024	17-Feb-2020	22-Sep-2019	31-Oct-2020

<sup>1</sup>Results are reported as the mean result of duplicate testing; positive/reactive results are noted in bold red.

<sup>2</sup>Results are reported as singlicate testing; positive/reactive results are noted in bold red.

<sup>3</sup>Results are reported in the assay's grayzone.

<sup>4</sup>Panel Members 6, 7, and 8 of the Abbott PRISM HCV were tested on 10-Jul-2019.

\*Interpretation variability; individual replicates reported.

NT = Not tested; POS = Positive; NEG = Negative; NA = Not available

RL = Reference Lab; SC = SeraCare

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## Anti-HCV

Panel Member	ORTHO® HCV Version 3.0 ELISA Test System (s/co) <sup>1</sup>	Ortho VITROS® Anti-HCV (s/co) <sup>1</sup>	Roche Elecys Anti-HCV (s/co) <sup>1</sup>	Siemens ADVIA Centaur® HCV (Index) <sup>1</sup>
01	<b>6.1</b>	<b>6.1</b>	<b>80.7</b>	<b>&gt;11.0<sup>2</sup></b>
02	<b>5.9, ≥6.4<sup>2</sup></b>	<b>6.6</b>	<b>82.8</b>	<b>&gt;11.0<sup>2</sup></b>
03	<b>≥6.4<sup>2</sup></b>	<b>19.7</b>	<b>47.4</b>	<b>&gt;11.0<sup>2</sup></b>
04	<b>≥6.4<sup>2</sup></b>	<b>7.8</b>	<b>78.6</b>	<b>&gt;11.0<sup>2</sup></b>
05	<b>4.0</b>	<b>2.4</b>	<b>138.6</b>	<b>&gt;11.0<sup>2</sup></b>
06	<b>3.0</b>	<b>1.9</b>	<b>159.6</b>	<b>9.8</b>
07	<b>6.1</b>	<b>5.5</b>	<b>127.7</b>	<b>7.0</b>
08	<b>3.8</b>	<b>3.1</b>	<b>97.9</b>	<b>3.6</b>
09	<b>1.4</b>	<b>6.3</b>	<b>18.2</b>	<b>1.1</b>
10	<b>4.6</b>	<b>9.7</b>	<b>147.7</b>	<b>4.1</b>
11	<b>3.7</b>	<b>3.7</b>	<b>116.2</b>	<b>4.2</b>
12	<b>≥6.4<sup>2</sup></b>	<b>21.0</b>	<b>180.6</b>	<b>&gt;11.0<sup>2</sup></b>
13	<b>5.9</b>	<b>7.2</b>	<b>113.8</b>	<b>10.8</b>
14	<b>1.9</b>	<b>2.1</b>	0.0	0.5
15	<b>3.3</b>	<b>3.8</b>	0.0	0.9 <sup>3</sup>
16	<b>5.3</b>	<b>11.0</b>	<b>158.8</b>	<b>4.7</b>
17	<b>≥6.4<sup>2</sup></b>	<b>15.5</b>	<b>106.6</b>	<b>9.5</b>
18	<b>4.0</b>	<b>3.6</b>	<b>63.0</b>	<b>2.7</b>
19	<b>3.8</b>	<b>4.0</b>	<b>65.6</b>	<b>5.3</b>
20	0.1	0.1	0.0	0.1
Test Date	01-Jul-2019	28-Jun-2019	11-Jul-2019	06-Jul-2019
Test Site	SC	RL	RL	RL
Kit Part Code	930740	NA	NA	NA
Kit Lot No.	TXE677	NA	NA	062322
Kit Exp. Date	31-Dec-2019	NA	NA	08-Jan-2020

<sup>1</sup>Results are reported as the mean result of duplicate testing; positive/reactive results are noted in bold red.

<sup>2</sup>Off-scale results.

<sup>3</sup>Results are reported in the assay's grayzone.

NA = Not available; RL = Reference Lab; SC = SeraCare

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 [CDx-Info@LGCGroup.com](mailto:CDx-Info@LGCGroup.com) or by phone at 508.244.6400.