

# AccuSet™ Dengue Mixed Titer Performance Panel

0845-0243 / Batch #10688198

## OVERVIEW

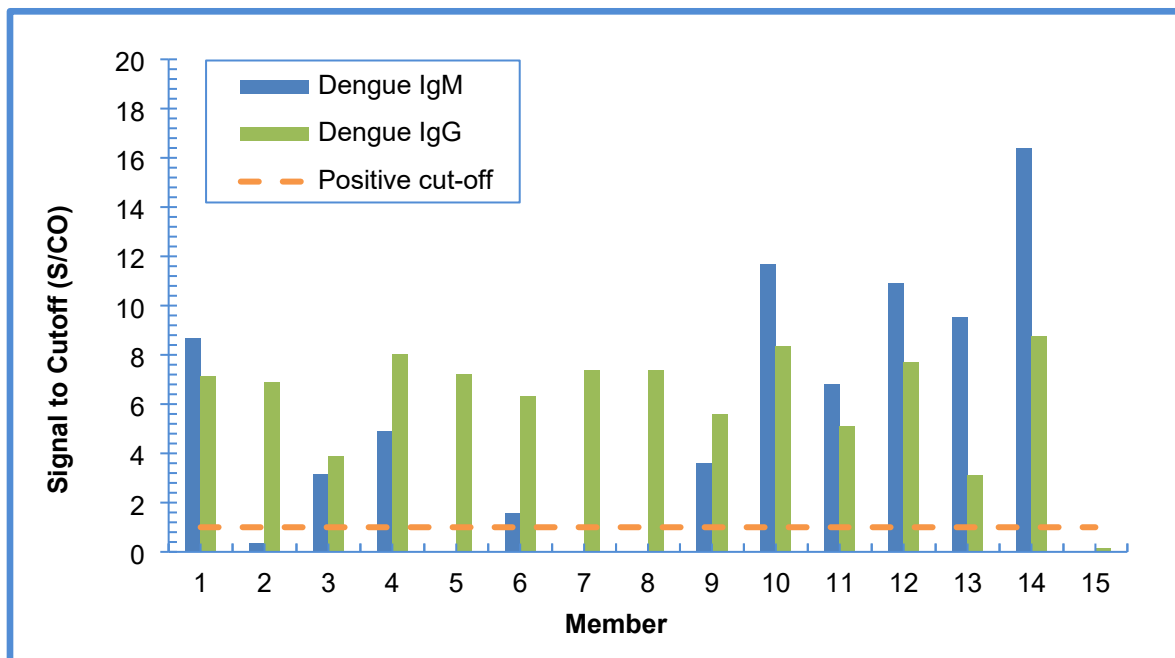
AccuSet™ Dengue Mixed Titer Performance Panel 0845-0243 / Batch #10688198 is a 15-member validation panel of undiluted, naturally occurring plasma samples (1 vial per member, 1.0 mL per vial). Panel members represent bleeds from multiple individuals positive for antibodies to Dengue virus. Each sample represents a single collection event. No preservatives were added.

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

For Research Use Only. Not for use in diagnostic procedures. Data are offered for informational purposes. LGC 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 dengue; all were found negative for anti-HIV-1/2, anti-HCV, and HBsAg. This does not ensure the absence of these or other human pathogens.

AccuSet™ Dengue Mixed Titer Performance Panel



This graph represents panel member reactivity to the Focus Diagnostics Dengue Virus IgM Capture DxSelect™ and Focus Diagnostics Dengue Virus IgG DxSelect™ test methods.

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Performance Panel  
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**Panel Member Information**

Panel Member	SeraCare Batch #	SeraCare Donor ID #	Bleed Date
01	10618283	BD505274	11-Apr-2019
02	10127439	BD250597	11-Jun-2015
03	10181183	BD281956	19-Feb-2016
04	10127505	BD250663	12-Jun-2015
05	10127378	BD250539	12-Jun-2015
06	10014759	BD200017	31-Aug-2013
07	10014760	BD200016	24-Aug-2013
08	10008065	BD200016	17-Aug-2013
09	10614320	BD495903	19-Jan-2018
10	10614321	BD495906	21-Jan-2018
11	10618282	BD505274	13-Apr-2019
12	10618284	BD505275	21-Mar-2019
13	10654838	BD513685	18-Jan-2018
14	10653122	BD512846	02-Dec-2022
15	9256934	BD386263	25-May-2010

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## Dengue NS1 Antigen<sup>1</sup>

Panel Member	InBios
	DENV Detect™ NS1 ELISA ISR
01	<b>1.97</b>
02	0.47
03	0.51
04	0.49
05	0.50
06	0.51
07	0.51
08	0.51
09	0.50
10	0.49
11	0.85
12	0.46
13	0.54
14	0.50
15	0.49
Test Date	26-Apr-2024
Test Site	LGC
Kit Part Code	DNS1-1
Kit Lot No.	CM6076
Kit Exp. Date	23-Feb-2025

<sup>1</sup>Results are reported as the mean result of duplicate testing; positive/reactive results are noted in bold red.  
ISR = Immune Status Ratio; LGC = LGC SeraCare

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## Dengue IgM and Dengue IgG<sup>1</sup>

Panel Member	InBios DENV Detect™ IgM Capture ELISA (ISR)	Focus Diagnostics Dengue Virus IgM Capture DxSelect™ (S/CO)	Focus Diagnostics Dengue Virus IgG DxSelect™ (S/CO)	Euroimmun Anti-Dengue Virus ELISA IgG (RU/mL)
01	<b>16.20</b>	<b>8.67</b>	<b>7.13</b>	<b>197.76, &gt;200.00*</b>
02	1.05	0.34	<b>6.88</b>	<b>&gt;200.00</b>
03	2.14 <sup>2</sup>	<b>3.15</b>	<b>3.87</b>	<b>187.36</b>
04	1.71 <sup>2</sup>	<b>4.90</b>	<b>8.02</b>	<b>&gt;200.00</b>
05	1.10	0.01	<b>7.19</b>	<b>173.96</b>
06	1.11	<b>1.58</b>	<b>6.31</b>	<b>131.06</b>
07	1.01	0.01	<b>7.35</b>	<b>159.04</b>
08	1.09	0.01	<b>7.35</b>	<b>162.23</b>
09	<b>7.56</b>	<b>3.59</b>	<b>5.59</b>	<b>194.14</b>
10	<b>21.12</b>	<b>11.66</b>	<b>8.34</b>	<b>&gt;200.00</b>
11	<b>12.99</b>	<b>6.79</b>	<b>5.11</b>	<b>195.58</b>
12	<b>10.92</b>	<b>10.90</b>	<b>7.71</b>	<b>187.87</b>
13	<b>13.79</b>	<b>9.54</b>	<b>3.09</b>	<b>158.09</b>
14	<b>11.33</b>	<b>16.40</b>	<b>8.76</b>	<b>&gt;200.00</b>
15	1.08	0.01	0.13	3.01
Test Date	11-Jan-2024	07-Feb-2024	10-Jan-2024	10-Jan-2024
Test Site	LGC	LGC	LGC	LGC
Kit Part Code	DDMS-1	EL1500M	EL1500G	EI 266B-9601G
Kit Lot No.	CL6159	X17623N	X9023N	E230508CH
Kit Exp. Date	06-Nov-2024	30-Nov-2024	29-Feb-2024	07-Aug-2024

<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 in assay's grayzone.

\*Result variability; individual replicates reported.

ISR = Immune Status Ratio; RU/mL = Relative Units/mL; LGC = LGC 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.