

# AccuSet™ HIV Verification Panel 1

0800-0538 / Batch #10662530

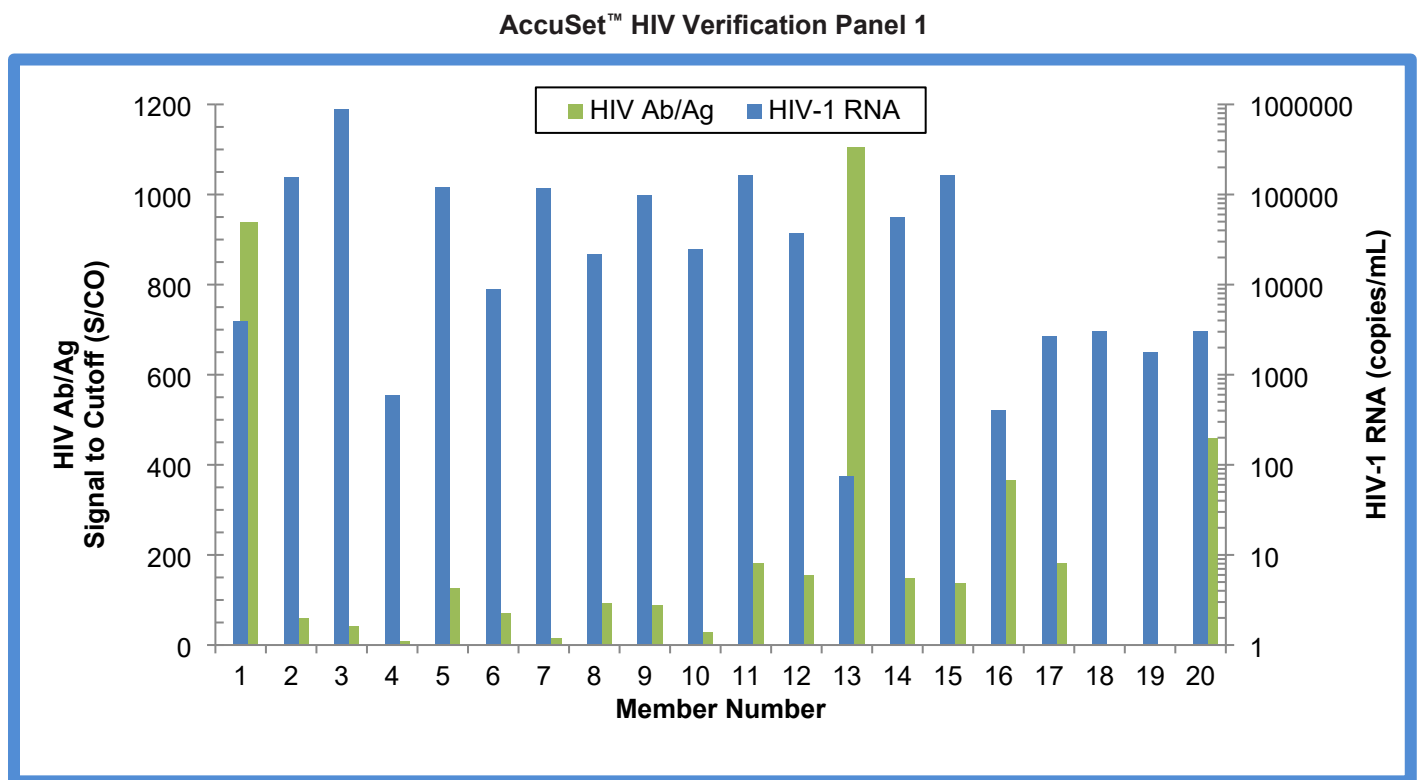
## OVERVIEW

AccuSet™ HIV Verification Panel 1, 0800-0538 / Batch #10662530, is a 20-member validation panel of undiluted, naturally occurring plasma samples (1 vial per member, 1.5 mL per vial). Panel members represent bleeds from multiple individuals positive for HIV-1. Each sample represents a single collection event. No preservatives were added.

Test results from commercially-available HIV assays are included for characterization of the panel members. This panel of human plasma samples demonstrates a range of HIV-1 RNA and anti-HIV-1 reactivity.

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 HIV; all were found negative for anti-HCV and HBsAg. This does not ensure the absence of these or other human pathogens.



This graph demonstrates panel member reactivity to the Roche cobas® (HIV-1 RNA) and the Abbott Alinity s (HIV Ag/Ab combo) test methods.

AccuSet<sup>™</sup> HIV  
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**Panel Member Information**

Panel Member	SeraCare Batch #	SeraCare Donor ID #	Bleed Date
01	9117876	BD110620	NA
02	10430525	BD407032	21-Mar-2019
03	10430738	BD407037	06-May-2019
04	10266896	BD328454	26-Jul-2016
05	10401945	BD398598	12-Sep-2018
06	10418765	BD406216	07-Dec-2018
07	10418769	BD406219	09-Nov-2018
08	10418770	BD406220	02-Nov-2018
09	10430527	BD407034	25-Oct-2018
10	10430530	BD407033	14-Feb-2019
11	10430531	BD407035	22-Mar-2019
12	10266902	BD328456	29-Oct-2015
13	10401946	BD398602	05-Dec-2018
14	10418766	BD406217	27-Sep-2018
15	10430534	BD407035	22-Mar-2019
16	BM206402	BD102915	25-Aug-2006
17	BM217425	BD104207	22-Mar-2007
18	9232105	BD106885	08-Jul-2008
19	9238004	BD107465	16-Oct-2008
20	10112112	BD240182	14-May-2013

NA = Not Available

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HIV-1 RNA and HIV-1 Antigen Assays

Panel Member	Roche cobas® 6800/8800 HIV-1 RNA (copies/mL) <sup>1</sup>	Abbott Alinity m HIV-1 RNA (copies/mL) <sup>1</sup>	Perkin Elmer HIV-1 p24 ELISA (S/CO) <sup>1</sup>
01	<b>3.86E+03</b>	<b>3.22E+03</b>	<b>2.00</b>
02	<b>1.53E+05</b>	<b>1.01E+05</b>	<b>2.58</b>
03	<b>8.77E+05</b>	<b>4.29E+05</b>	<b>6.92</b>
04	<b>5.81E+02</b>	<b>7.01E+02</b>	0.32
05	<b>1.19E+05</b>	<b>7.51E+04</b>	0.55
06	<b>8.89E+03</b>	<b>6.72E+03</b>	0.41
07	<b>1.17E+05</b>	<b>6.49E+04</b>	0.67
08	<b>2.18E+04</b>	<b>2.20E+04</b>	0.33
09	<b>9.86E+04</b>	<b>5.04E+04</b>	0.31
10	<b>2.45E+04</b>	<b>2.20E+04</b>	0.60
11	<b>1.64E+05</b>	<b>1.96E+05</b>	<b>2.14</b>
12	<b>3.66E+04</b>	<b>1.98E+04</b>	0.27
13	<b>7.50E+01</b>	<b>4.15E+01</b>	<b>1.10</b>
14	<b>5.54E+04</b>	<b>3.98E+04</b>	0.47
15	<b>1.63E+05</b>	<b>1.12E+05</b>	<b>1.53</b>
16	<b>4.05E+02</b>	<b>4.27E+02</b>	0.45
17	<b>2.68E+03</b>	<b>1.49E+03</b>	0.38
18	<b>2.99E+03</b>	<b>2.29E+03</b>	0.28
19	<b>1.77E+03</b>	<b>2.04E+03</b>	0.24
20	<b>3.03E+03</b>	<b>2.54E+03</b>	0.22
Test Date	10-May-2023	05-May-2023	09-May-2023
Test Site	RL	RL	LGC
Kit Part Code	NA	NA	NEK050A
Kit Lot No.	NA	381227	990-23151
Kit Exp. Date	NA	28-Apr-2024	01-Dec-2023

<sup>1</sup>Results are reported as the mean result of duplicate testing; positive/reactive results are noted in bold red.  
LGC = LGC Clinical Diagnostics; RL = Reference Lab; NA = Not Available

# AccuSet™ HIV Verification Panel 1

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## HIV Antigen/Antibody Assays

Panel Member	Abbott ARCHITECT HIV Ag/Ab Combo (S/CO) <sup>1</sup>	Abbott Alinity s HIV Ag/Ab Combo (S/CO) <sup>1</sup>	Abbott Alinity i HIV Combo Next (S/CO) <sup>1</sup>	Roche cobas® Elecsys HIV combi PT (COI) <sup>1</sup>
01	<b>1180.52</b>	<b>937.61</b>	<b>480.72</b>	<b>63.00</b>
02	<b>54.63</b>	<b>58.83</b>	<b>29.62</b>	<b>31.78</b>
03	<b>39.59</b>	<b>42.23</b>	<b>22.71</b>	<b>80.42</b>
04	<b>7.74</b>	<b>8.27</b>	<b>5.46</b>	<b>4.15</b>
05	<b>124.39</b>	<b>124.60</b>	<b>49.47</b>	<b>118.95</b>
06	<b>67.59</b>	<b>70.77</b>	<b>50.18</b>	<b>128.70</b>
07	<b>13.35</b>	<b>13.74</b>	<b>5.57</b>	<b>25.54</b>
08	<b>103.58</b>	<b>91.81</b>	<b>50.43</b>	<b>73.47</b>
09	<b>89.98</b>	<b>87.56</b>	<b>46.19</b>	<b>164.15</b>
10	<b>23.76</b>	<b>26.94</b>	<b>7.74</b>	<b>22.63</b>
11	<b>176.50</b>	<b>180.82</b>	<b>40.53</b>	<b>18.73</b>
12	<b>148.30</b>	<b>154.00</b>	<b>65.63</b>	<b>219.90</b>
13	<b>1436.12</b>	<b>1103.97</b>	<b>566.54</b>	<b>802.30</b>
14	<b>152.13</b>	<b>147.38</b>	<b>232.03</b>	<b>9.34</b>
15	<b>138.12</b>	<b>136.07</b>	<b>30.75</b>	<b>22.88</b>
16	<b>411.91</b>	<b>364.69</b>	<b>137.37</b>	<b>37.38</b>
17	<b>216.25</b>	<b>180.73</b>	<b>59.49</b>	<b>255.05</b>
18	0.13	0.13	0.33	0.53
19	0.13	0.11	0.24	0.27
20	<b>541.07</b>	<b>457.53</b>	<b>135.78</b>	<b>776.95</b>
Test Date	10-May-2023	04-May-2023	02-Dec-2025	17-May-2023
Test Site	LGC	RL	RL	RL
Kit Part Code	2P36	NA	6Q86	NA
Kit Lot No.	48531BE00	49068BE00	81648FZ00	NA
Kit Exp. Date	11-Sep-2023	26-Dec-2023	02-Oct-2026	NA

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HIV-1 Antibody, HIV-2 Antibody Assays

Panel Member	Avioq HIV-1 Microelisa (S/CO) <sup>1</sup>	Bio-Rad GS HIV-2 EIA (S/CO) <sup>1</sup>
01	<b>9.59</b>	0.60
02	<b>4.21</b>	0.33
03	<b>6.28</b>	0.42
04	<b>1.23</b>	0.40
05	<b>6.24</b>	<b>1.55</b>
06	<b>7.42</b>	0.78
07	<b>5.01</b>	0.72
08	<b>4.50</b>	0.30
09	<b>8.01</b>	0.30
10	<b>4.98</b>	0.44
11	<b>5.22</b>	0.38
12	<b>8.04</b>	0.49
13	<b>9.47</b>	0.42
14	<b>6.67</b>	<b>1.93</b>
15	<b>5.41</b>	0.40
16	<b>9.89</b>	<b>1.37</b>
17	<b>7.81</b>	0.52
18	0.23	0.19
19	0.23	0.29
20	<b>9.43</b>	<b>2.49</b>
Test Date	08-May-2023	04-May-2023
Test Site	LGC	LGC
Kit Part Code	100384	32536
Kit Lot No.	22101H	183TY1-05
Kit Exp. Date	22-Aug-2023	02-Aug-2023

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

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## HIV Confirmatory Assay

### INNOGENETICS® INNO-LIA™ HIV I/II Score<sup>1</sup>

#### Band Results

Panel Member	HIV-1/2 Antibody	sgp120	gp41	p31	p24	p17	sgp105	gp36
	Interpretation							
01	<b>HIV-1 POS</b>	2+	4+	2+	2+	2+	-	-
02	<b>HIV-1 POS</b>	+/-	2+	-	2+	-	-	-
03	<b>HIV-1 POS</b>	1+	2+	-	2+	2+	-	-
04	<b>HIV-1 POS</b>	2+	2+	-	2+	2+	-	-
05	<b>HIV-1 POS</b>	2+	3+	2+	3+	2+	-	-
06	<b>HIV-1 POS</b>	2+	3+	-	2+	2+	-	-
07	<b>HIV-1 POS</b>	-	2+	-	2+	2+	-	-
08	<b>HIV-1 POS</b>	2+	2+	-	2+	2+	-	-
09	<b>HIV-1 POS</b>	-	3+	-	2+	2+	-	-
10	<b>HIV-1 POS</b>	-	2+	-	2+	2+	-	-
11	<b>HIV-1 POS</b>	-	2+	-	2+	-	-	-
12	<b>HIV-1 POS</b>	2+	2+	2+	2+	2+	-	-
13	<b>HIV-1 POS</b>	3+	4+	2+	2+	2+	-	-
14	<b>HIV-1 POS</b>	2+	2+	-	2+	2+	-	-
15	<b>HIV-1 POS</b>	+/-	2+	-	2+	-	-	-
16	<b>HIV-1 POS</b>	3+	4+	3+	2+	2+	-	-
17	<b>HIV-1 POS</b>	2+	2+	1+	2+	2+	-	-
18	IND	1+	-	-	-	-	-	-
19	NEG	-	-	-	-	-	-	-
20	<b>HIV-1 POS</b>	2+	3+	2+	3+	3+	-	-
Test Date	17-May-2023							
Test Site	RL							
Kit Part Code	NA							
Kit Lot No.	410477							
Kit Exp. Date	29-Feb-2024							

<sup>1</sup>Results are reported as singlicate testing; positive/reactive results are noted in bold red.

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

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.