



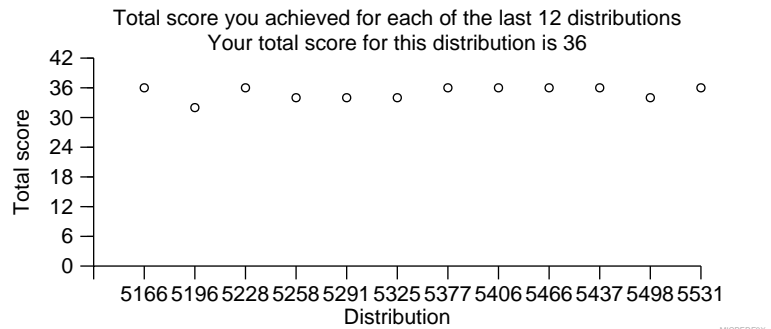
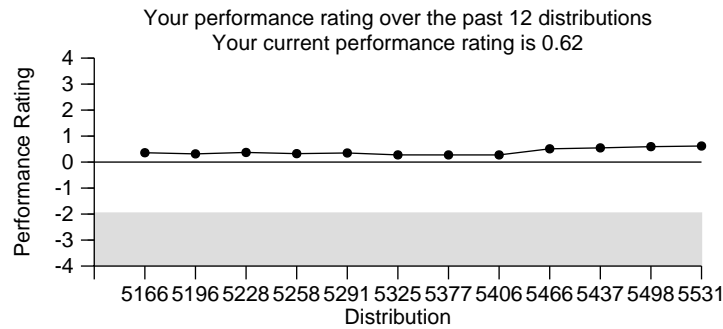
Intended Result	Your Report	Your Score
Specimen 8299	HBsAg positive	2
	Anti-HBc positive	2
	HCV Ag/Ab negative	2
	HIV 1/2 Ag/Ab negative	2
	Anti-HTLV I/II negative	2
	Tp Immunoassay IgG/total Ab negative	2
Specimen 8300	HBsAg negative	2
	Anti-HBc negative	2
	HCV Ag/Ab positive	2
	HIV 1/2 Ag/Ab negative	2
	Anti-HTLV I/II negative	2
	Tp Immunoassay IgG/total Ab negative	2
Specimen 8301	HBsAg negative	2
	Anti-HBc negative	2
	HCV Ag/Ab positive	2
	HIV 1/2 Ag/Ab negative	2
	Anti-HTLV I/II negative	2
	Tp Immunoassay IgG/total Ab negative	2

**Cumulative score information**

Total number of specimens sent to you for **UK NEQAS for Blood donor screen** over the last 6 distributions is 18  
 For these distributions specimen numbers 7815 7816 7817 7907 7908 7909 8006 8007 8008 8094 8095 8096 8193 8194 8195 8299 8300 8301 have been sent.  
 Number of specimens reported too late for analysis (not scored) 0  
 Your cumulative score for the specimen/test combinations that you reported was 214 out of a possible total of 214  
 The mean score calculated from the reports returned by **UK** laboratories testing the specimen/test combinations you examined was 212.37 (with a standard error of 2.63).

**Performance rating**

Your performance rating for **UK NEQAS for Blood donor screen** (i.e. the number of standard errors by which your cumulative score lies above or below the mean for **UK** laboratories) is **0.62**.  
 A performance rating of more than 1.96 standard errors below the mean indicates possible poor performance.  
 Your performance rating may change if other participants' results are amended.  
 No score penalty is incurred for non return of reports. However non return of results may be used as a measure of poor performance.



**Comments**

Overall performance for this distribution was excellent with 99.4% of participants reporting the intended results for HBsAg, HCV Ag/Ab and HIV-1/2 Ag/Ab, whilst 100% of participants reported the intended results for anti-HBc, anti-HTLV I/II and Treponemal antibodies.  
**Please see page 8 for comments.**

This scheme is intended for laboratories performing screening assays only. Results of confirmatory assays (e.g. Immunoblot assays) are not included in the analysis. In the histograms on page 2 and subsequent pages a maximum of 10 kit results are displayed: this includes the most commonly used methods and the method(s) used in your laboratory indicated by an arrow(s). The figures in the histograms and those in the overall results tables may differ (1) due to exclusion of kits displayed in the histograms resulting in apparently lower numbers of data sets in the histograms or (2) due to participants using more than one kit resulting in higher numbers of data sets in the histograms.  
 The time taken to report your results was 2-days. This information is provided for your own use and does not form part of your performance assessment.

**Enquiries:** For repeat specimens in case of an EQA failure investigation, please request using the web form at <https://ukneqasmicro.org.uk/participant-info/order-repeat-specimens/>. Pre-distribution test results are available should you experience a technical failure and wish to discuss the results. Any queries about this distribution can be addressed to Dr Sanjiv Rughooputh at [organiser@ukneqasmicro.org.uk](mailto:organiser@ukneqasmicro.org.uk).

**Acknowledgments:** We thank colleagues at NHSBT, UKHSA Manchester, UKHSA Birmingham, UKHSA Virus Reference Division at Colindale, Department of Microbiology at Gloucestershire Hospitals and St. George's Hospital for their assistance with pre-distribution testing.

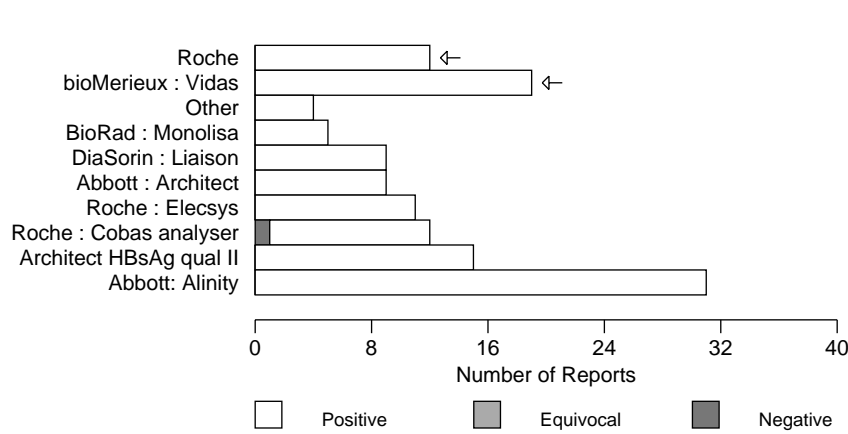
**Report authorised by:** Dr Sanjiv Rughooputh, Scheme Organiser.



Three specimens were dispatched with a request to report on the presence of HBV surface antigen, HBV core antibody, HCV antigen/antibody, HIV 1/2 antigen/antibody, HTLV I/II antibody and Treponemal antibody. All specimens were derived from thrombinised human plasma (serum) donations. Specimens 8299, 8300 and 8301 were diluted 1:36, 1:22.5 and 1:12, respectively. Positive neat materials used to prepare HBsAg positive specimens were screened negative for HBeAg. Bronidox at a final concentration of 0.05% was added as a preservative.

**Specimen : 8299**

Intended result  
HBsAg positive



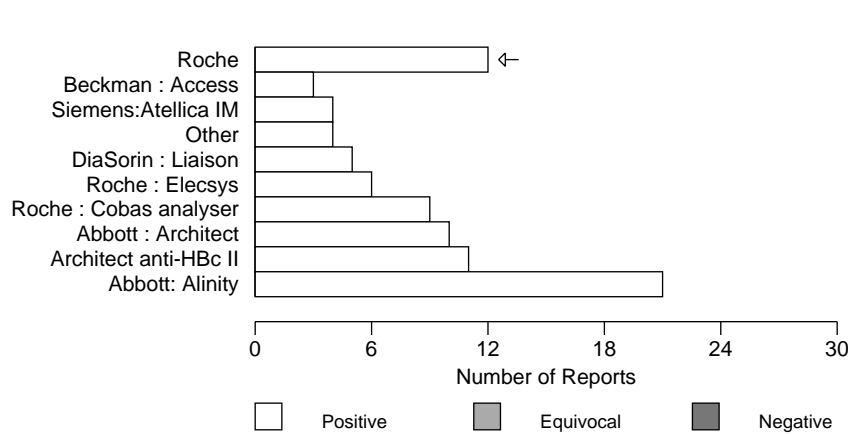
UK (%)	All (%)
12 (13.0)	12 (8.0)
17 (18.5)	19 (12.7)
3 (3.3)	4 (2.7)
1 (1.1)	5 (3.3)
7 (7.6)	9 (6.0)
6 (6.5)	9 (6.0)
4 (4.3)	11 (7.3)
6 (6.5)	12 (8.0)
10 (10.9)	15 (10.0)
9 (9.8)	31 (20.7)

Your Report : HBsAg positive  
Your Score : **2**

Overall Results	UK	All	Score
HBsAg positive	49	111	2
HBsAg equivocal	0	0	1
HBsAg negative	0	1	-1
<b>Total</b>	<b>49</b>	<b>112</b>	
<b>% Correct</b>	<b>100</b>	<b>99.1</b>	

**Specimen : 8299**

Intended result  
Anti-HBc positive



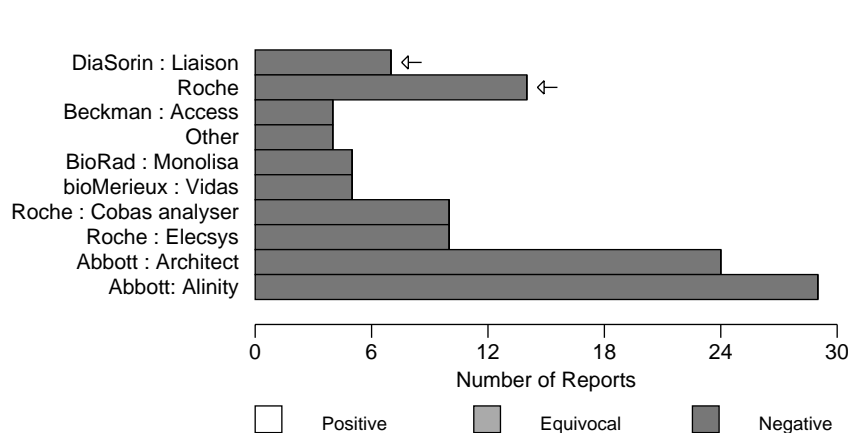
UK (%)	All (%)
12 (19.7)	12 (12.6)
2 (3.3)	3 (3.2)
1 (1.6)	4 (4.2)
3 (4.9)	4 (4.2)
4 (6.6)	5 (5.3)
3 (4.9)	6 (6.3)
5 (8.2)	9 (9.5)
8 (13.1)	10 (10.5)
8 (13.1)	11 (11.6)
6 (9.8)	21 (22.1)

Your Report : Anti-HBc positive  
Your Score : **2**

Overall Results	UK	All	Score
Anti-HBc positive	47	97	2
Anti-HBc equivocal	0	0	1
Anti-HBc negative	0	0	-1
<b>Total</b>	<b>47</b>	<b>97</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	

**Specimen : 8299**

Intended result  
HCV Ag/Ab negative



UK (%)	All (%)
5 (6.6)	7 (5.4)
14 (18.4)	14 (10.9)
3 (3.9)	4 (3.1)
3 (3.9)	4 (3.1)
3 (3.9)	5 (3.9)
5 (6.6)	5 (3.9)
4 (5.3)	10 (7.8)
4 (5.3)	10 (7.8)
16 (21.1)	24 (18.6)
7 (9.2)	29 (22.5)

Your Report : HCV Ag/Ab negative  
Your Score : **2**

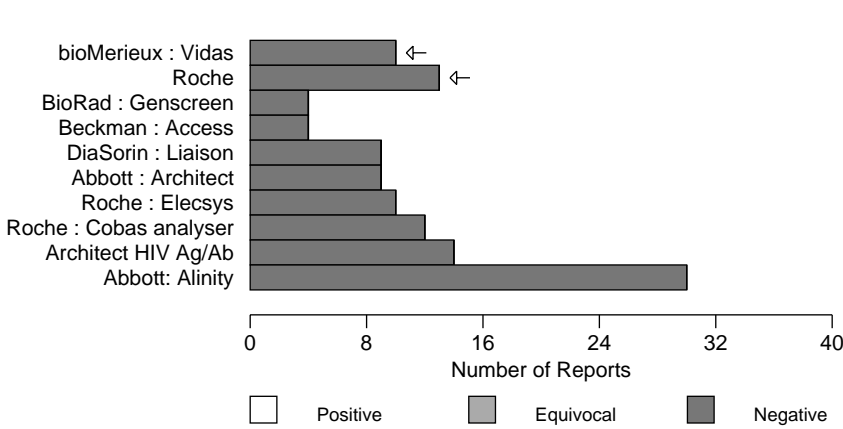
Overall Results	UK	All	Score
HCV Ag/Ab positive	0	0	-1
HCV Ag/Ab equivocal	0	0	1
HCV Ag/Ab negative	47	109	2
<b>Total</b>	<b>47</b>	<b>109</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	



Three specimens were dispatched with a request to report on the presence of HBV surface antigen, HBV core antibody, HCV antigen/antibody, HIV 1/2 antigen/antibody, HTLV I/II antibody and Treponemal antibody. All specimens were derived from thrombinised human plasma (serum) donations. Specimens 8299, 8300 and 8301 were diluted 1:36, 1:22.5 and 1:12, respectively. Positive neat materials used to prepare HBsAg positive specimens were screened negative for HBeAg. Bronidox at a final concentration of 0.05% was added as a preservative.

**Specimen : 8299**

Intended result  
HIV-1/2 Ag/Ab negative

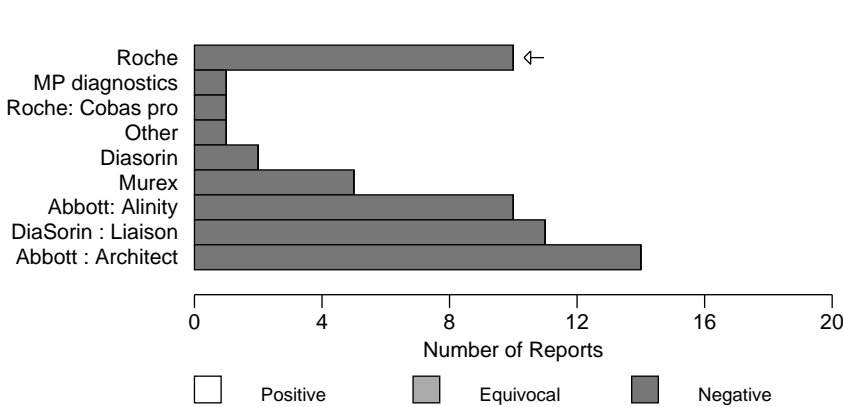


Your Report : HIV 1/2 Ag/Ab negative  
Your Score : **2**

Overall Results	UK	All	Score
HIV 1/2 Ag/Ab positive	0	0	-1
HIV 1/2 Ag/Ab equivocal	0	0	1
HIV 1/2 Ag/Ab negative	49	112	2
<b>Total</b>	<b>49</b>	<b>112</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	

**Specimen : 8299**

Intended result  
Anti-HTLV I/II negative

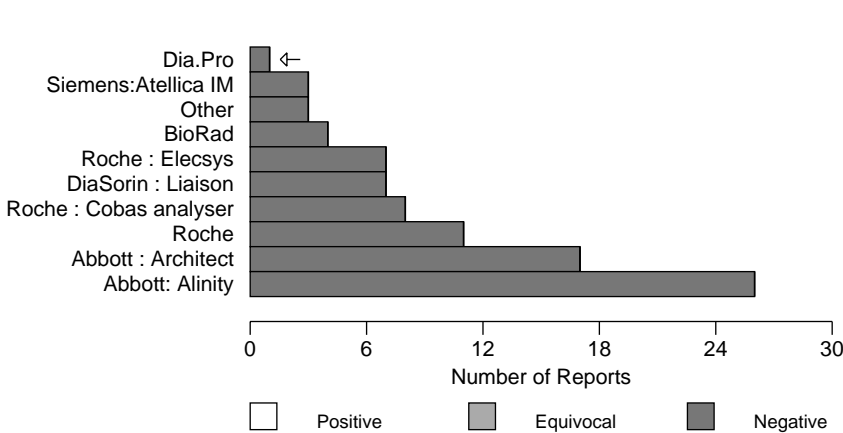


Your Report : Anti-HTLV I/II negative  
Your Score : **2**

Overall Results	UK	All	Score
Anti-HTLV I/II positive	0	0	-1
Anti-HTLV I/II equivocal	0	0	1
Anti-HTLV I/II negative	30	55	2
<b>Total</b>	<b>30</b>	<b>55</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	

**Specimen : 8299**

Intended result  
Tp Immunoassay IgG/total Ab negative



Your Report : Tp Immunoassay IgG/total Ab negative  
Your Score : **2**

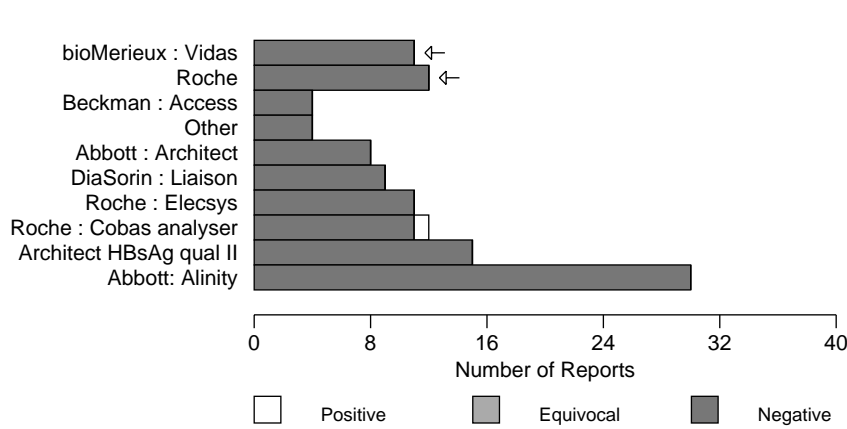
Overall Results	UK	All	Score
Tp Ab positive	0	0	-1
Tp Ab equivocal	0	0	1
Tp Ab negative	43	98	2
<b>Total</b>	<b>43</b>	<b>98</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	



Three specimens were dispatched with a request to report on the presence of HBV surface antigen, HBV core antibody, HCV antigen/antibody, HIV 1/2 antigen/antibody, HTLV I/II antibody and Treponemal antibody. All specimens were derived from thrombinised human plasma (serum) donations. Specimens 8299, 8300 and 8301 were diluted 1:36, 1:22.5 and 1:12, respectively. Positive neat materials used to prepare HBsAg positive specimens were screened negative for HBeAg. Bronidox at a final concentration of 0.05% was added as a preservative.

**Specimen : 8300**

Intended result  
HBsAg negative



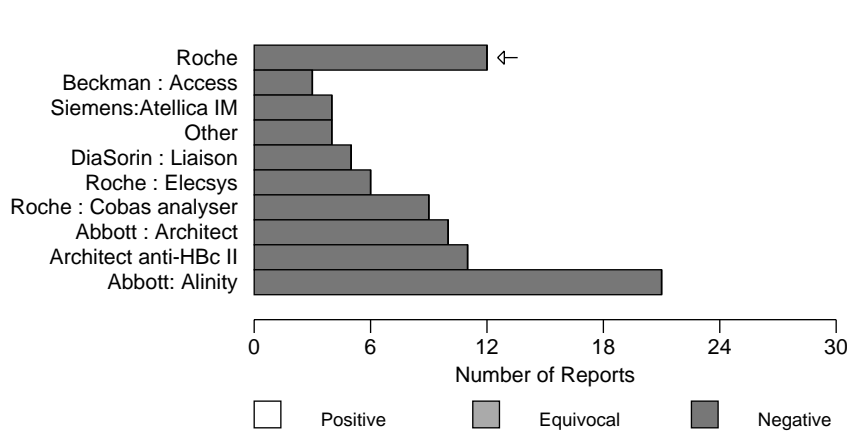
UK (%)	All (%)
11 (13.8)	11 (8.2)
12 (15.0)	12 (9.0)
3 (3.8)	4 (3.0)
3 (3.8)	4 (3.0)
5 (6.3)	8 (6.0)
7 (8.8)	9 (6.7)
5 (6.3)	11 (8.2)
6 (7.5)	12 (9.0)
10 (12.5)	15 (11.2)
8 (10.0)	30 (22.4)

Your Report : HBsAg negative  
Your Score : **2**

Overall Results	UK	All	Score
HBsAg positive	0	1	-1
HBsAg equivocal	0	0	1
HBsAg negative	49	111	2
<b>Total</b>	<b>49</b>	<b>112</b>	
<b>% Correct</b>	<b>100</b>	<b>99.1</b>	

**Specimen : 8300**

Intended result  
Anti-HBc negative



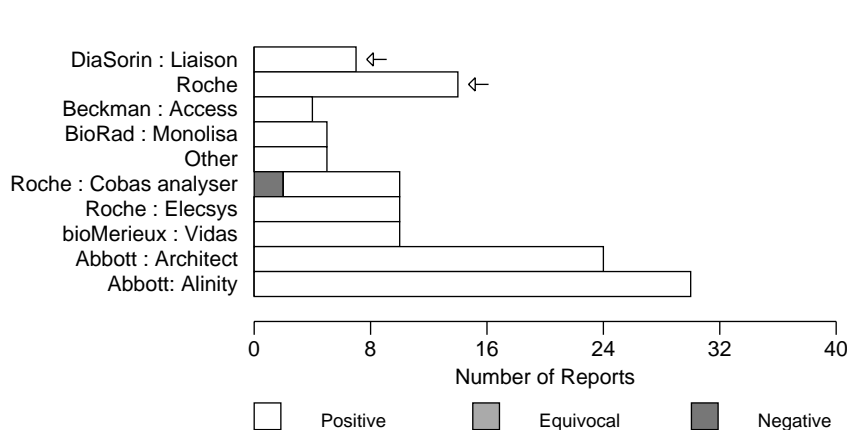
UK (%)	All (%)
12 (19.7)	12 (12.6)
2 (3.3)	3 (3.2)
1 (1.6)	4 (4.2)
3 (4.9)	4 (4.2)
4 (6.6)	5 (5.3)
3 (4.9)	6 (6.3)
5 (8.2)	9 (9.5)
8 (13.1)	10 (10.5)
8 (13.1)	11 (11.6)
6 (9.8)	21 (22.1)

Your Report : Anti-HBc negative  
Your Score : **2**

Overall Results	UK	All	Score
Anti-HBc positive	0	0	-1
Anti-HBc equivocal	0	0	1
Anti-HBc negative	47	97	2
<b>Total</b>	<b>47</b>	<b>97</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	

**Specimen : 8300**

Intended result  
HCV Ag/Ab positive



UK (%)	All (%)
5 (6.0)	7 (5.0)
14 (16.7)	14 (10.1)
3 (3.6)	4 (2.9)
3 (3.6)	5 (3.6)
3 (3.6)	5 (3.6)
4 (4.8)	10 (7.2)
4 (4.8)	10 (7.2)
10 (11.9)	10 (7.2)
16 (19.0)	24 (17.3)
8 (9.5)	30 (21.6)

Your Report : HCV Ag/Ab positive  
Your Score : **2**

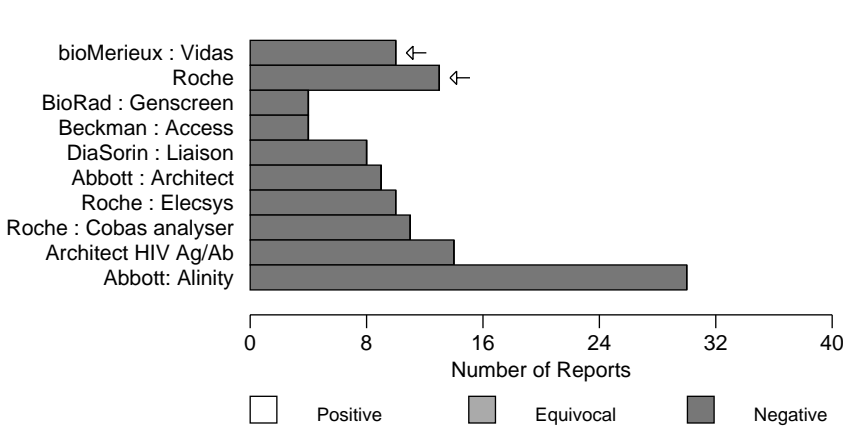
Overall Results	UK	All	Score
HCV Ag/Ab positive	46	107	2
HCV Ag/Ab equivocal	0	0	1
HCV Ag/Ab negative	1	2	-1
<b>Total</b>	<b>47</b>	<b>109</b>	
<b>% Correct</b>	<b>97.9</b>	<b>98.2</b>	



Three specimens were dispatched with a request to report on the presence of HBV surface antigen, HBV core antibody, HCV antigen/antibody, HIV 1/2 antigen/antibody, HTLV I/II antibody and Treponemal antibody. All specimens were derived from thrombinised human plasma (serum) donations. Specimens 8299, 8300 and 8301 were diluted 1:36, 1:22.5 and 1:12, respectively. Positive neat materials used to prepare HBsAg positive specimens were screened negative for HBeAg. Bronidox at a final concentration of 0.05% was added as a preservative.

**Specimen : 8300**

Intended result  
HIV-1/2 Ag/Ab negative



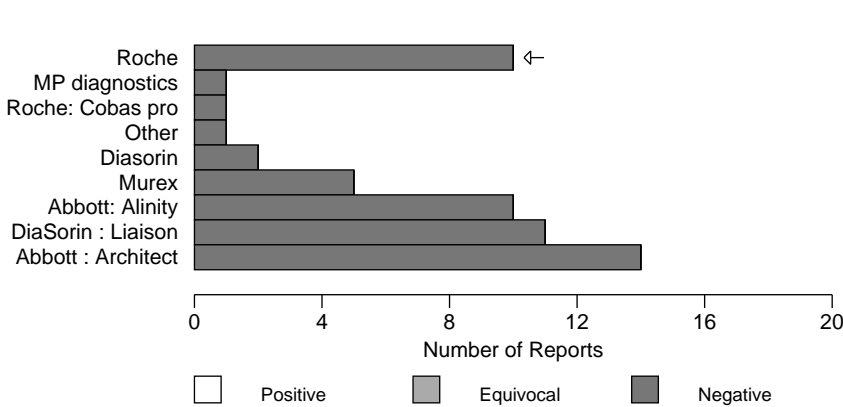
UK (%)	All (%)
10 (12.8)	10 (7.6)
13 (16.7)	13 (9.9)
1 (1.3)	4 (3.1)
3 (3.8)	4 (3.1)
6 (7.7)	8 (6.1)
6 (7.7)	9 (6.9)
4 (5.1)	10 (7.6)
6 (7.7)	11 (8.4)
9 (11.5)	14 (10.7)
8 (10.3)	30 (22.9)

Your Report : HIV 1/2 Ag/Ab negative  
Your Score : **2**

Overall Results	UK	All	Score
HIV 1/2 Ag/Ab positive	0	1	-1
HIV 1/2 Ag/Ab equivocal	0	0	1
HIV 1/2 Ag/Ab negative	49	110	2
<b>Total</b>	<b>49</b>	<b>111</b>	
<b>% Correct</b>	<b>100</b>	<b>99.1</b>	

**Specimen : 8300**

Intended result  
Anti-HTLV I/II negative



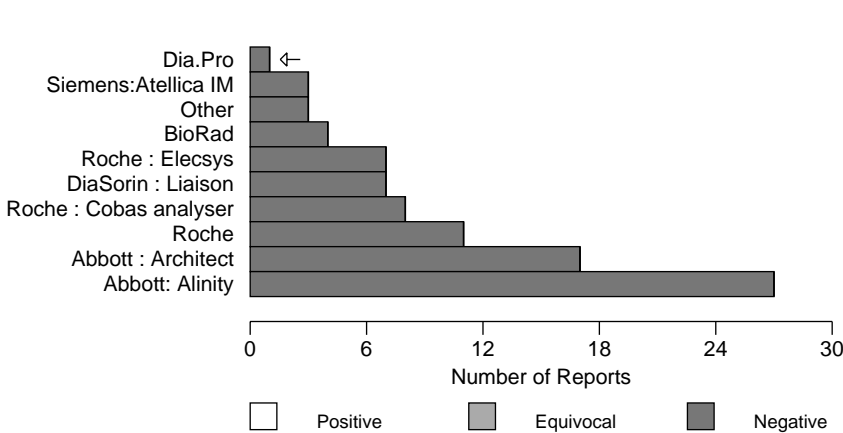
UK (%)	All (%)
7 (19.4)	10 (18.2)
0 (0.0)	1 (1.8)
1 (2.8)	1 (1.8)
0 (0.0)	1 (1.8)
1 (2.8)	2 (3.6)
2 (5.6)	5 (9.1)
5 (13.9)	10 (18.2)
9 (25.0)	11 (20.0)
11 (30.6)	14 (25.5)

Your Report : Anti-HTLV I/II negative  
Your Score : **2**

Overall Results	UK	All	Score
Anti-HTLV I/II positive	0	0	-1
Anti-HTLV I/II equivocal	0	0	1
Anti-HTLV I/II negative	30	55	2
<b>Total</b>	<b>30</b>	<b>55</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	

**Specimen : 8300**

Intended result  
Tp Immunoassay IgG/total Ab negative



UK (%)	All (%)
1 (1.7)	1 (1.0)
1 (1.7)	3 (3.1)
2 (3.4)	3 (3.1)
2 (3.4)	4 (4.1)
3 (5.2)	7 (7.2)
6 (10.3)	7 (7.2)
4 (6.9)	8 (8.2)
11 (19.0)	11 (11.3)
14 (24.1)	17 (17.5)
8 (13.8)	27 (27.8)

Your Report : Tp Immunoassay IgG/total Ab negative  
Your Score : **2**

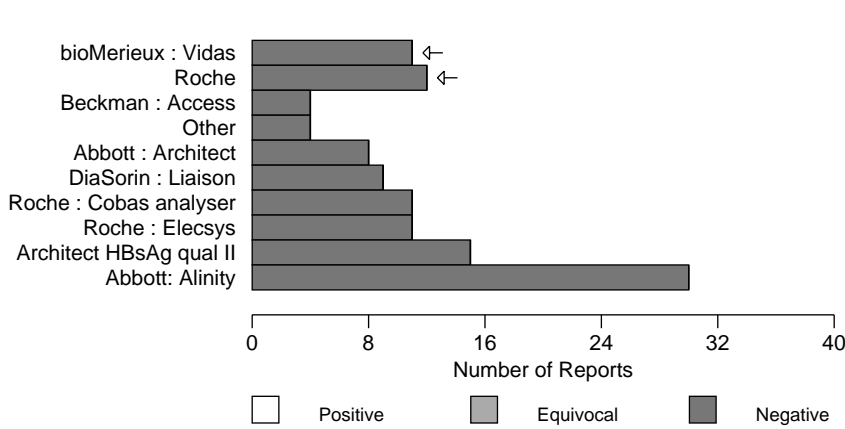
Overall Results	UK	All	Score
Tp Ab positive	0	0	-1
Tp Ab equivocal	0	0	1
Tp Ab negative	43	99	2
<b>Total</b>	<b>43</b>	<b>99</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	



Three specimens were dispatched with a request to report on the presence of HBV surface antigen, HBV core antibody, HCV antigen/antibody, HIV 1/2 antigen/antibody, HTLV I/II antibody and Treponemal antibody. All specimens were derived from thrombinised human plasma (serum) donations. Specimens 8299, 8300 and 8301 were diluted 1:36, 1:22.5 and 1:12, respectively. Positive neat materials used to prepare HBsAg positive specimens were screened negative for HBeAg. Bronidox at a final concentration of 0.05% was added as a preservative.

**Specimen : 8301**

Intended result  
HBsAg negative

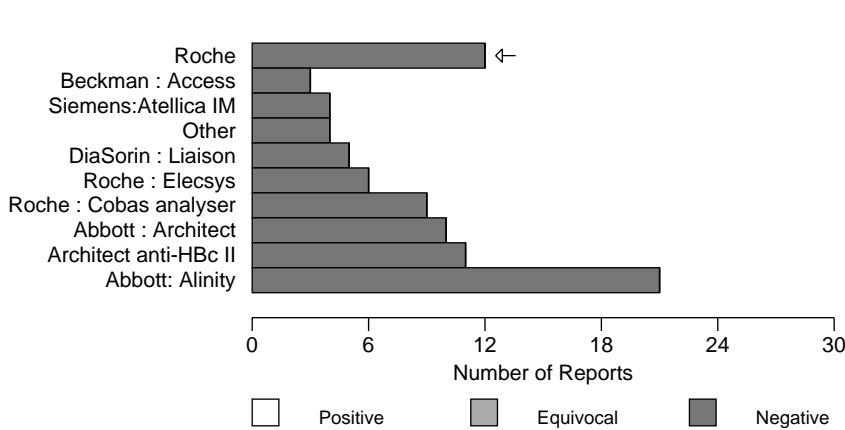


Your Report : HBsAg negative  
Your Score : **2**

Overall Results	UK	All	Score
HBsAg positive	0	0	-1
HBsAg equivocal	0	0	1
HBsAg negative	49	111	2
<b>Total</b>	<b>49</b>	<b>111</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	

**Specimen : 8301**

Intended result  
Anti-HBc negative

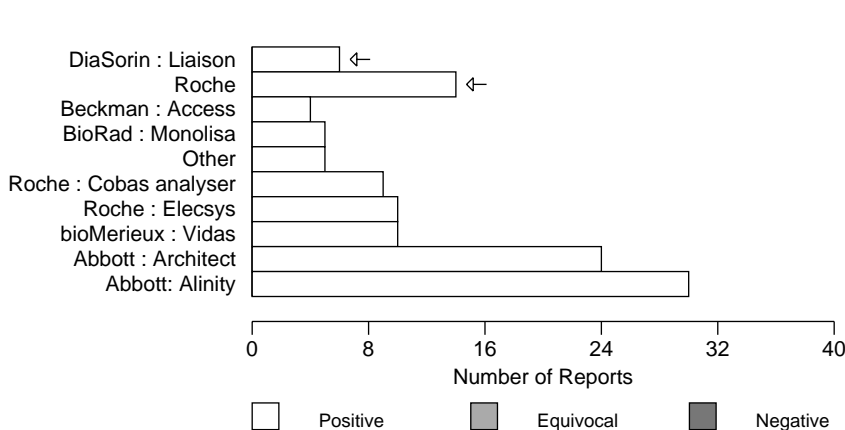


Your Report : Anti-HBc negative  
Your Score : **2**

Overall Results	UK	All	Score
Anti-HBc positive	0	0	-1
Anti-HBc equivocal	0	0	1
Anti-HBc negative	47	97	2
<b>Total</b>	<b>47</b>	<b>97</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	

**Specimen : 8301**

Intended result  
HCV Ag/Ab positive



Your Report : HCV Ag/Ab positive  
Your Score : **2**

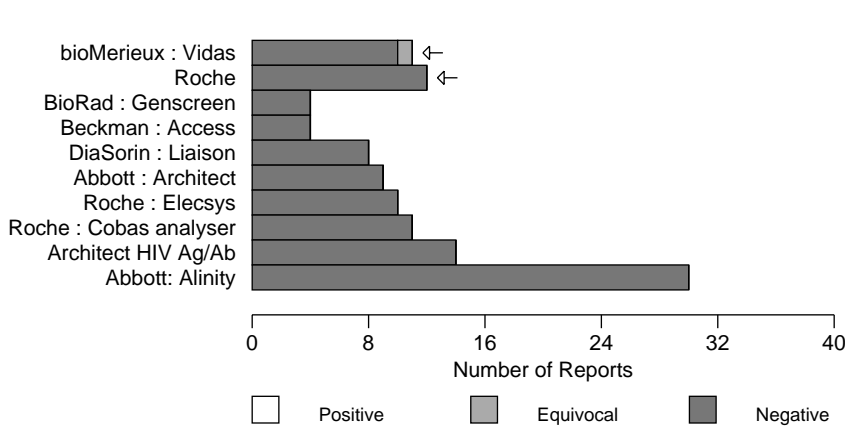
Overall Results	UK	All	Score
HCV Ag/Ab positive	47	108	2
HCV Ag/Ab equivocal	0	0	1
HCV Ag/Ab negative	0	0	-1
<b>Total</b>	<b>47</b>	<b>108</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	



Three specimens were dispatched with a request to report on the presence of HBV surface antigen, HBV core antibody, HCV antigen/antibody, HIV 1/2 antigen/antibody, HTLV I/II antibody and Treponemal antibody. All specimens were derived from thrombinised human plasma (serum) donations. Specimens 8299, 8300 and 8301 were diluted 1:36, 1:22.5 and 1:12, respectively. Positive neat materials used to prepare HBsAg positive specimens were screened negative for HBeAg. Bronidox at a final concentration of 0.05% was added as a preservative.

**Specimen : 8301**

Intended result  
HIV-1/2 Ag/Ab negative



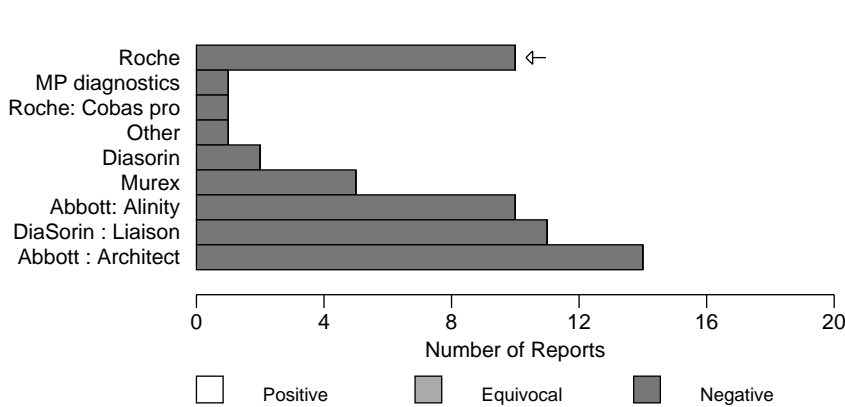
UK	(%)	All	(%)
11	(14.1)	11	(8.4)
12	(15.4)	12	(9.2)
1	(1.3)	4	(3.1)
3	(3.8)	4	(3.1)
6	(7.7)	8	(6.1)
6	(7.7)	9	(6.9)
4	(5.1)	10	(7.6)
6	(7.7)	11	(8.4)
9	(11.5)	14	(10.7)
8	(10.3)	30	(22.9)

Your Report : HIV 1/2 Ag/Ab negative  
Your Score : **2**

Overall Results	UK	All	Score
HIV 1/2 Ag/Ab positive	0	0	-1
HIV 1/2 Ag/Ab equivocal	1	1	1
HIV 1/2 Ag/Ab negative	47	109	2
<b>Total</b>	<b>48</b>	<b>110</b>	
<b>% Correct</b>	<b>97.9</b>	<b>99.1</b>	

**Specimen : 8301**

Intended result  
Anti-HTLV I/II negative



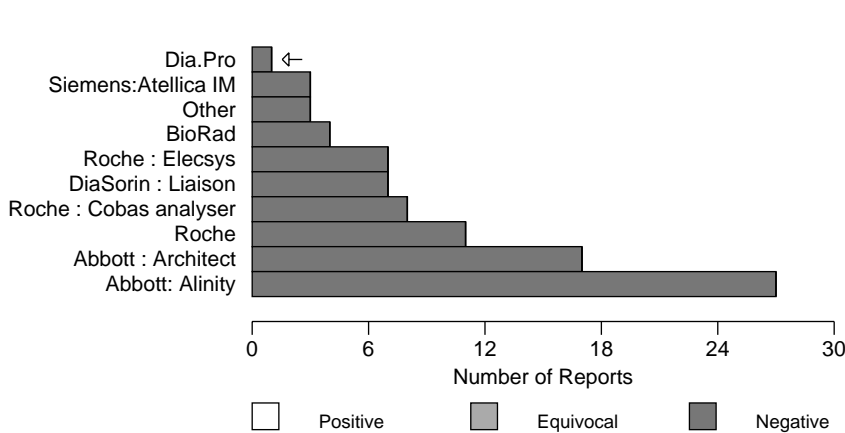
UK	(%)	All	(%)
7	(19.4)	10	(18.2)
0	(0.0)	1	(1.8)
1	(2.8)	1	(1.8)
0	(0.0)	1	(1.8)
1	(2.8)	2	(3.6)
2	(5.6)	5	(9.1)
5	(13.9)	10	(18.2)
9	(25.0)	11	(20.0)
11	(30.6)	14	(25.5)

Your Report : Anti-HTLV I/II negative  
Your Score : **2**

Overall Results	UK	All	Score
Anti-HTLV I/II positive	0	0	-1
Anti-HTLV I/II equivocal	0	0	1
Anti-HTLV I/II negative	30	55	2
<b>Total</b>	<b>30</b>	<b>55</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	

**Specimen : 8301**

Intended result  
Tp Immunoassay IgG/total Ab negative



UK	(%)	All	(%)
1	(1.7)	1	(1.0)
1	(1.7)	3	(3.1)
2	(3.4)	3	(3.1)
2	(3.4)	4	(4.1)
3	(5.2)	7	(7.2)
6	(10.3)	7	(7.2)
4	(6.9)	8	(8.2)
11	(19.0)	11	(11.3)
14	(24.1)	17	(17.5)
8	(13.8)	27	(27.8)

Your Report : Tp Immunoassay IgG/total Ab negative  
Your Score : **2**

Overall Results	UK	All	Score
Tp Ab positive	0	0	-1
Tp Ab equivocal	0	0	1
Tp Ab negative	43	99	2
<b>Total</b>	<b>43</b>	<b>99</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	



### Comments on distribution 5531

The overall performance in this distribution was outstanding, with 99.7% of participants reporting the intended results. This is an improvement of 0.3% on distribution 5498, where the overall performance was 99.4%.

Of the 125 participants who were sent specimens for this distribution, 114 returned their results within the specified time; representing an excellent return rate of 91.2%, this is a fall of 1.6% on previous distribution 5498, where the return rate was 92.8%.

**Participants are requested to provide more details on the methods they use in order to have better platform groupings. This information is very helpful for troubleshooting in case of kit/ platform issues.**

Participants who did not obtain the intended results are requested to investigate and report the plausible root cause by completing an incident review form (IRF) online within 30 days of this report being published.

Non return of results without a valid reason is considered as poor performance and should also be reported in a similar manner.

IRFs are taken into considerations when poor performance analysis is carried out for the National Quality Assurance Advisory Panel (NQAAP). IRFs can be completed on the following link: <https://ukneqasmicro.org.uk/incident-review-form/>

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**End of Report**

