

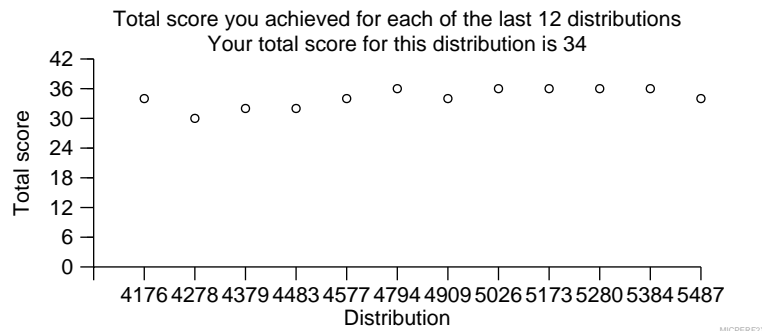
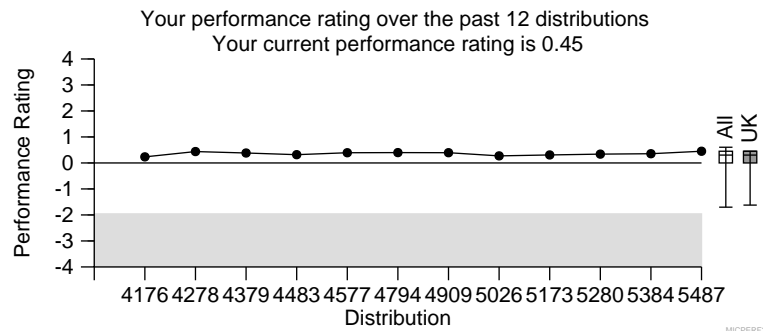
Intended Result	Your Report	Your Score
Specimen 8158 HAV IgG negative CMV IgG positive VZV IgG positive	HAV IgG negative CMV IgG positive VZV IgG positive	2 2 2
Specimen 8159 HAV IgG positive CMV IgG negative VZV IgG not designated	HAV IgG positive CMV IgG negative VZV IgG negative	2 2 Not scored
Specimen 8160 HAV IgG positive CMV IgG positive VZV IgG positive	HAV IgG positive CMV IgG positive VZV IgG positive	2 2 2
Specimen 8161 HAV IgG positive CMV IgG negative VZV IgG negative	HAV IgG positive CMV IgG negative VZV IgG negative	2 2 2
Specimen 8162 HAV IgG negative CMV IgG negative VZV IgG positive	HAV IgG negative CMV IgG negative VZV IgG positive	2 2 2
Specimen 8163 HAV IgG negative CMV IgG negative VZV IgG positive	HAV IgG negative CMV IgG negative VZV IgG positive	2 2 2

**Cumulative score information**

Total number of specimens sent to you for **UK NEQAS for Immunity screen** over the last 2 distributions is 12. For these distributions specimen numbers 7839 7840 7841 7842 7843 7844 8158 8159 8160 8161 8162 8163 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 70 out of a possible 70. The mean score calculated from the reports returned by **UK** laboratories testing the specimen/test combinations you examined was 69.12 with a standard error of 1.95.

**Performance rating**

Your performance rating for **UK NEQAS for Immunity screen** (i.e. the number of standard errors by which your cumulative score lies above or below the mean for UK laboratories) is 0.45. A performance rating of more than 1.96 standard errors below the mean indicates possible poor performance. No score penalty is incurred for non return of reports. However non reporting of results may be used as a measure of poor performance. Your performance rating may change if other participants' results are amended.



**Comments:** Overall performance was excellent for this distribution. 98.0% of participants reported the intended results for HAV IgG/total Ab, 99.9% reported the intended results for CMV IgG and 99.5% reported the intended results for VZV IgG for scored specimens.

**Specimen 8159 HAV and VZV status:** please refer to Comments pages 8-9 for further information.

**Turn around time (web users only):** The time taken to report your results was 0-days. This information is provided for your own use and does not form part of your performance assessment.

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

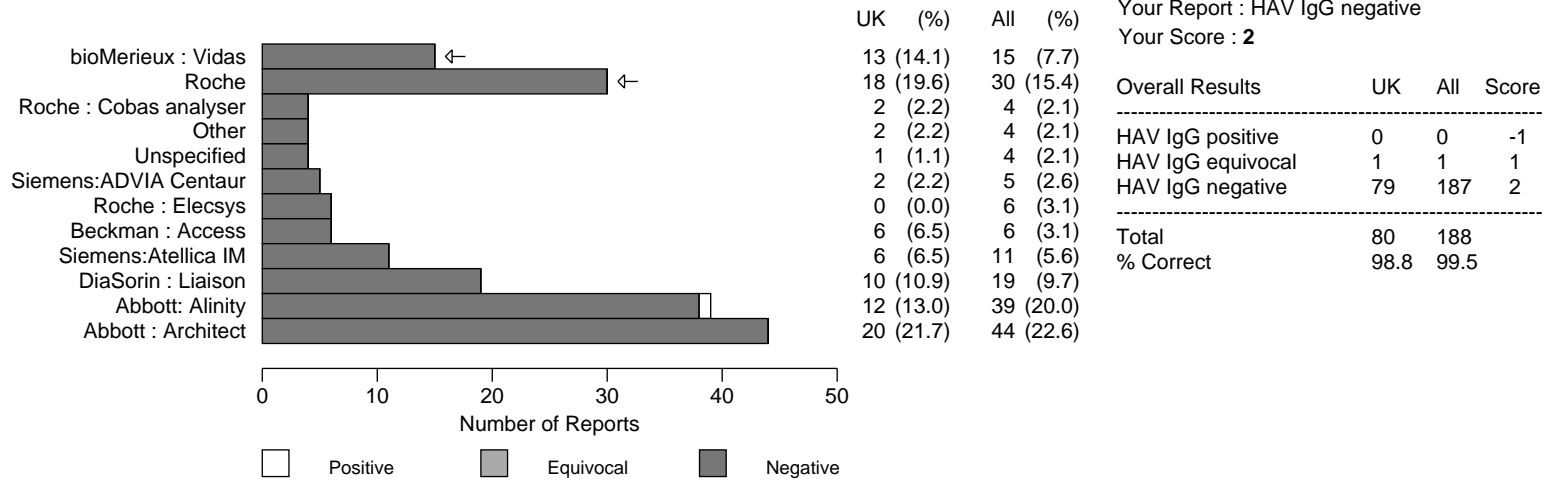
**Acknowledgements:** We thank colleagues at UKHSA Manchester, University Hospital Southampton, the Department of Microbiology at Gloucestershire Hospitals, the Virus Reference Division at UKHSA Colindale, and Norfolk and Norwich University Hospital for assistance with pre-distribution testing.

Report authorised by: Dr Sanjiv Rughooputh, Scheme Organiser.

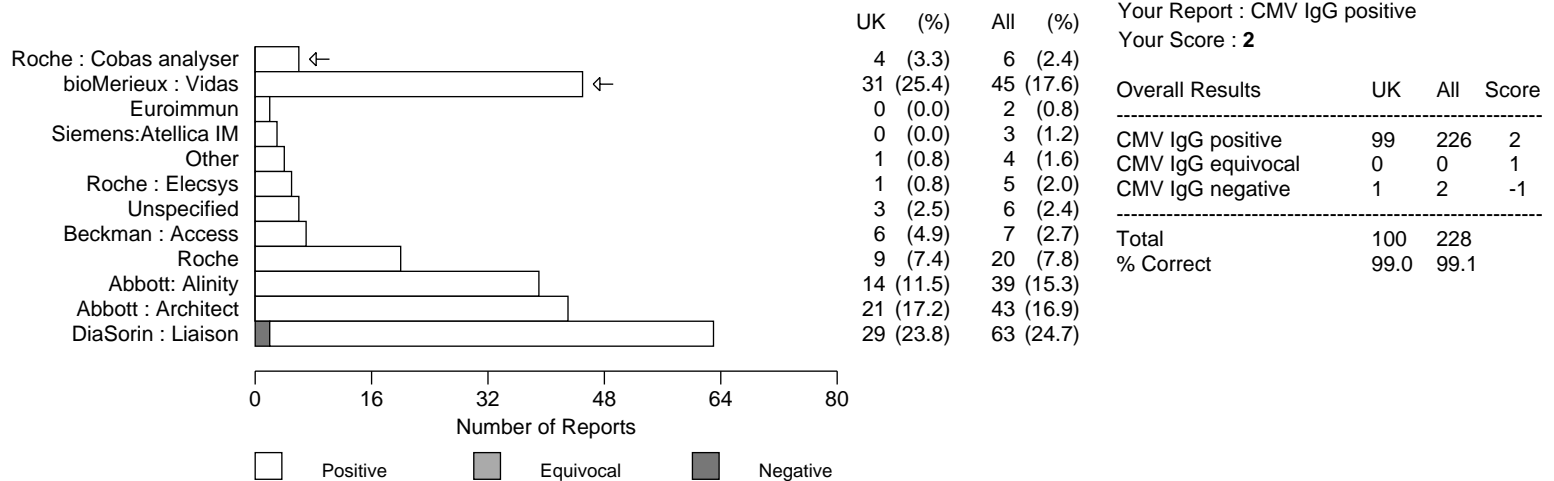


Six specimens derived from thrombinised human plasma (serum) donations were dispatched with a request to report on the presence of hepatitis A virus (HAV) Ab (IgG or total), cytomegalovirus (CMV) IgG and varicella zoster virus (VZV) IgG. All specimens were derived from neat donations. Bronidox at a final concentration of 0.05% was added as a preservative.

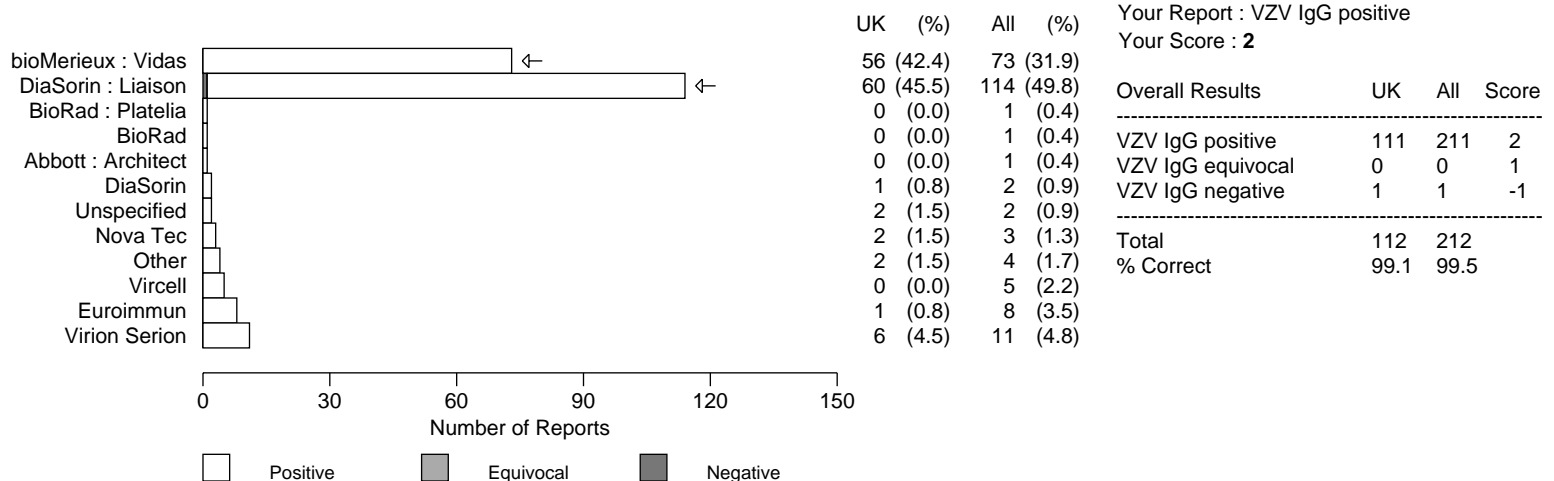
**Specimen : 8158** Intended result  
**HAV IgG negative**



**Specimen : 8158** Intended result  
**CMV IgG positive**

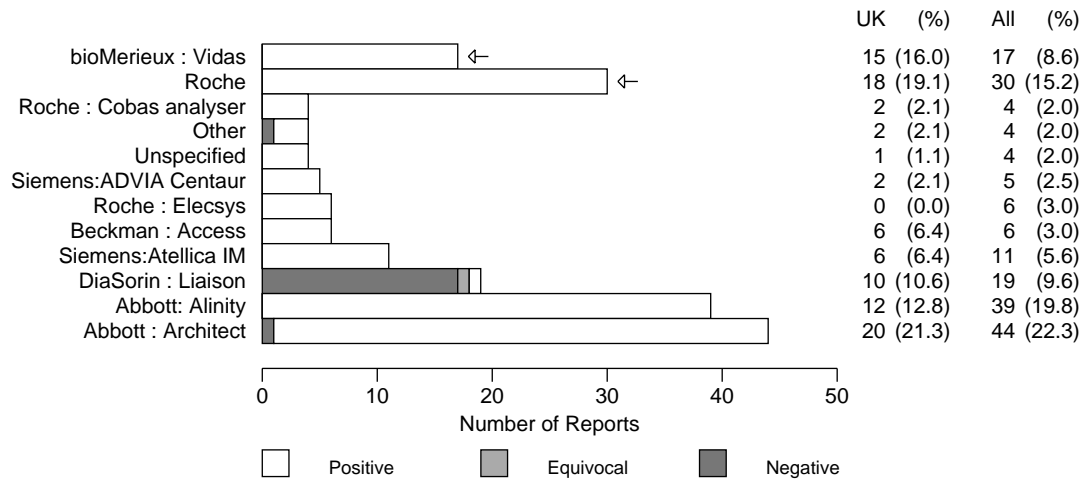


**Specimen : 8158** Intended result  
**VZV IgG positive**



Six specimens derived from thrombinised human plasma (serum) donations were dispatched with a request to report on the presence of hepatitis A virus (HAV) Ab (IgG or total), cytomegalovirus (CMV) IgG and varicella zoster virus (VZV) IgG. All specimens were derived from neat donations. Bronidox at a final concentration of 0.05% was added as a preservative.

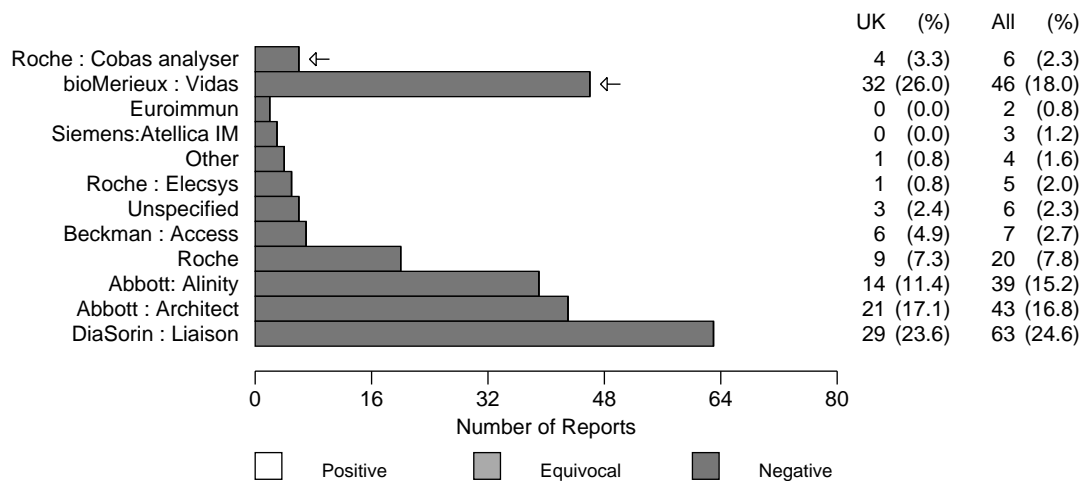
**Specimen : 8159 Intended result HAV IgG positive**



Your Report : HAV IgG positive  
Your Score : **2**

Overall Results	UK	All	Score
HAV IgG positive	73	172	2
HAV IgG equivocal	1	2	1
HAV IgG negative	8	16	-1
<b>Total</b>	<b>82</b>	<b>190</b>	
<b>% Correct</b>	<b>89.0</b>	<b>90.5</b>	

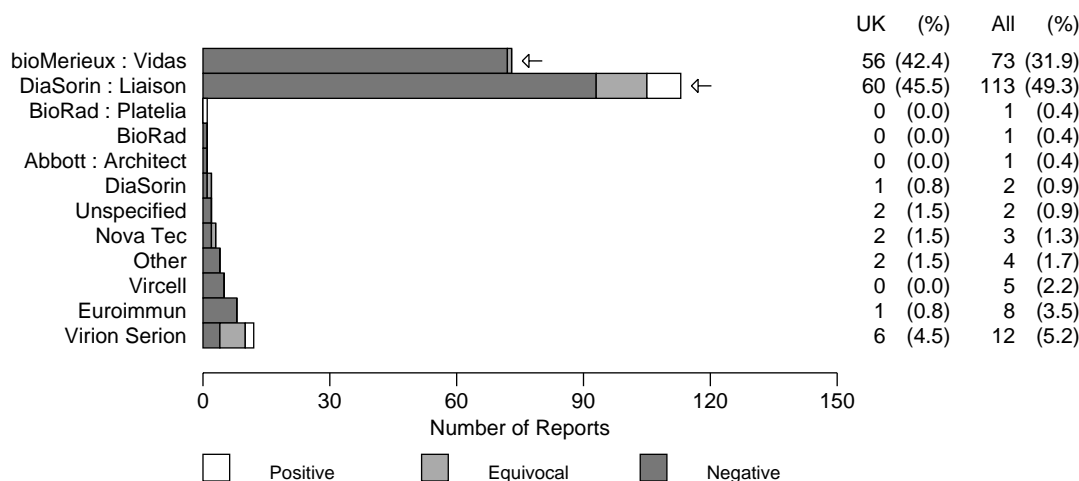
**Specimen : 8159 Intended result CMV IgG negative**



Your Report : CMV IgG negative  
Your Score : **2**

Overall Results	UK	All	Score
CMV IgG positive	0	0	-1
CMV IgG equivocal	0	0	1
CMV IgG negative	101	229	2
<b>Total</b>	<b>101</b>	<b>229</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	

**Specimen : 8159 Intended result VZV IgG not designated**



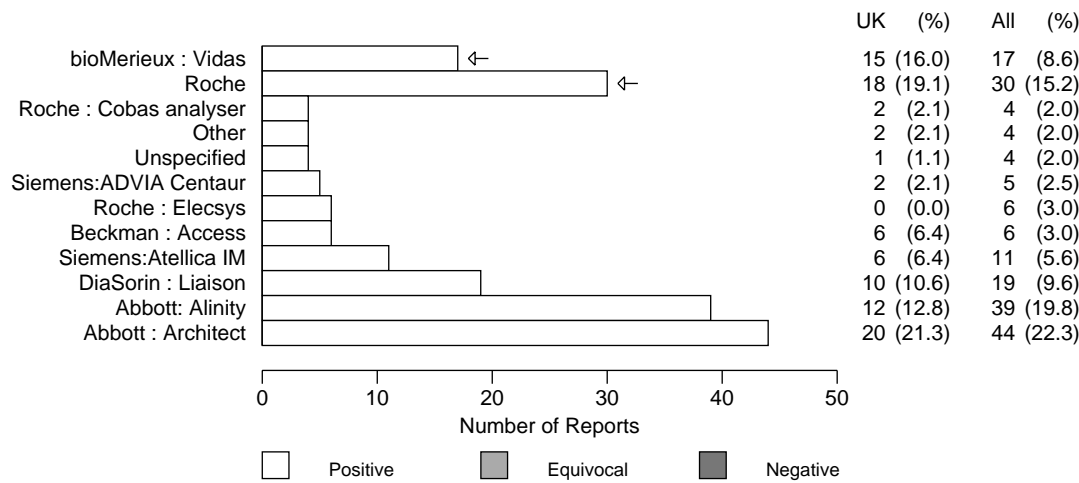
Your Report : VZV IgG negative  
Your Score : **Not scored**

Overall Results	UK	All	Score
VZV IgG positive	3	13	NS
VZV IgG equivocal	9	19	NS
VZV IgG negative	100	179	NS
<b>Total</b>	<b>112</b>	<b>211</b>	
<b>% Correct</b>	<b>89.3</b>	<b>84.8</b>	



Six specimens derived from thrombinised human plasma (serum) donations were dispatched with a request to report on the presence of hepatitis A virus (HAV) Ab (IgG or total), cytomegalovirus (CMV) IgG and varicella zoster virus (VZV) IgG. All specimens were derived from neat donations. Bronidox at a final concentration of 0.05% was added as a preservative.

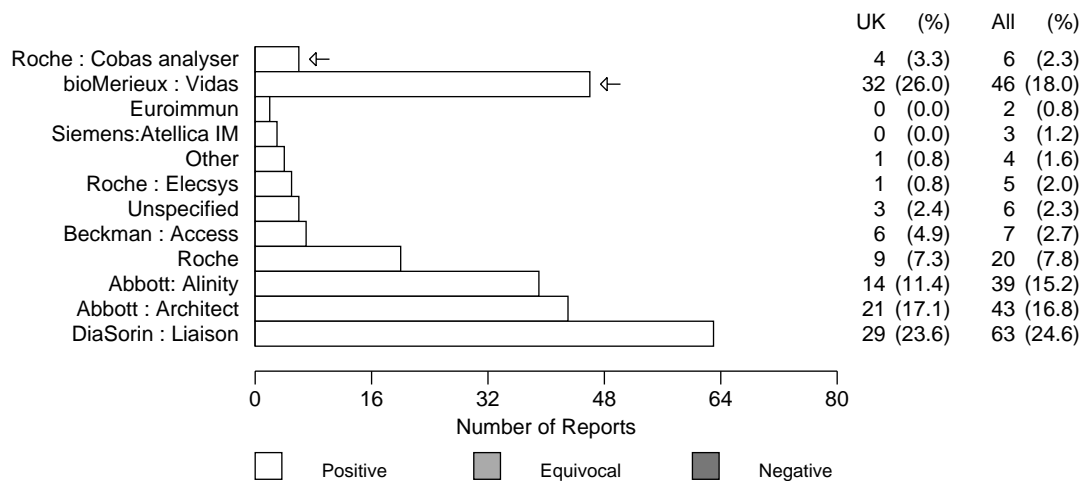
**Specimen : 8160** Intended result  
HAV IgG positive



Your Report : HAV IgG positive  
Your Score : **2**

Overall Results	UK	All	Score
HAV IgG positive	82	190	2
HAV IgG equivocal	0	0	1
HAV IgG negative	0	0	-1
<b>Total</b>	<b>82</b>	<b>190</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	

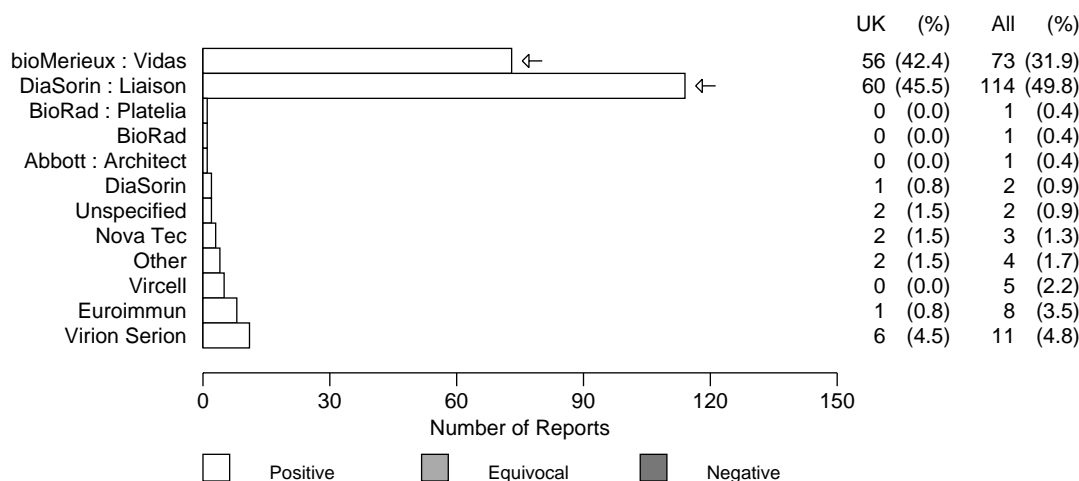
**Specimen : 8160** Intended result  
CMV IgG positive



Your Report : CMV IgG positive  
Your Score : **2**

Overall Results	UK	All	Score
CMV IgG positive	101	229	2
CMV IgG equivocal	0	0	1
CMV IgG negative	0	0	-1
<b>Total</b>	<b>101</b>	<b>229</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	

**Specimen : 8160** Intended result  
VZV IgG positive



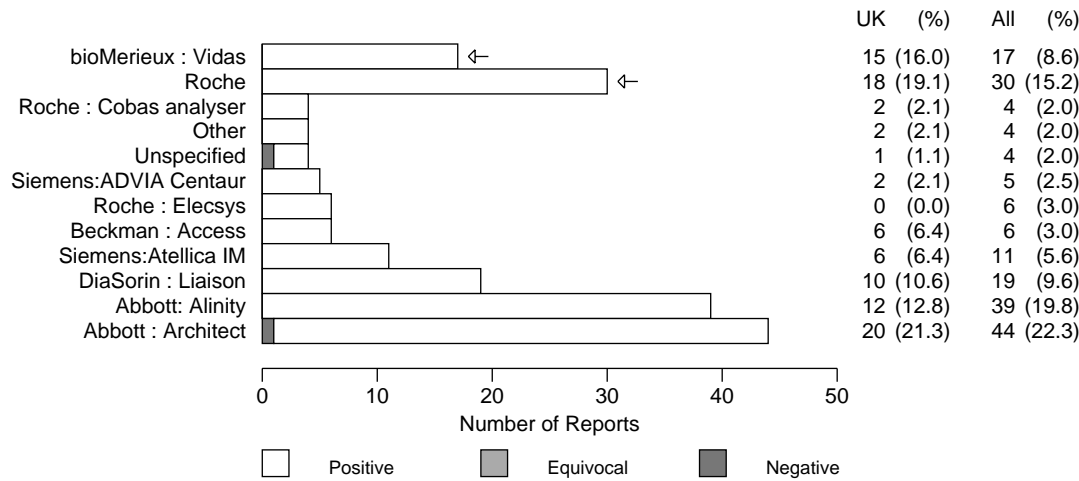
Your Report : VZV IgG positive  
Your Score : **2**

Overall Results	UK	All	Score
VZV IgG positive	112	212	2
VZV IgG equivocal	0	0	1
VZV IgG negative	0	0	-1
<b>Total</b>	<b>112</b>	<b>212</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	



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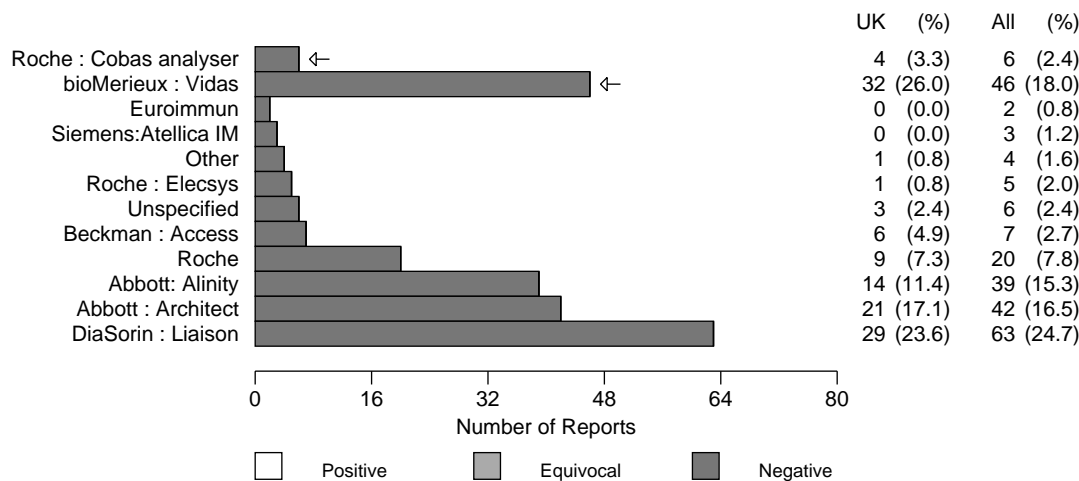
**Specimen : 8161** Intended result  
HAV IgG positive



Your Report : HAV IgG positive  
Your Score : **2**

Overall Results	UK	All	Score
HAV IgG positive	81	188	2
HAV IgG equivocal	0	0	1
HAV IgG negative	1	2	-1
<b>Total</b>	<b>82</b>	<b>190</b>	
<b>% Correct</b>	<b>98.8</b>	<b>98.9</b>	

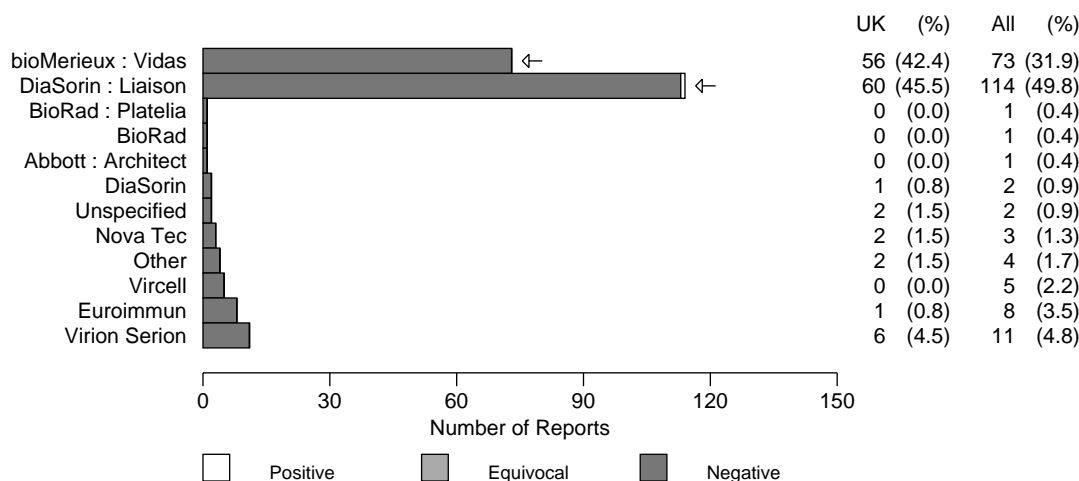
**Specimen : 8161** Intended result  
CMV IgG negative



Your Report : CMV IgG negative  
Your Score : **2**

Overall Results	UK	All	Score
CMV IgG positive	0	0	-1
CMV IgG equivocal	0	0	1
CMV IgG negative	101	228	2
<b>Total</b>	<b>101</b>	<b>228</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	

**Specimen : 8161** Intended result  
VZV IgG negative



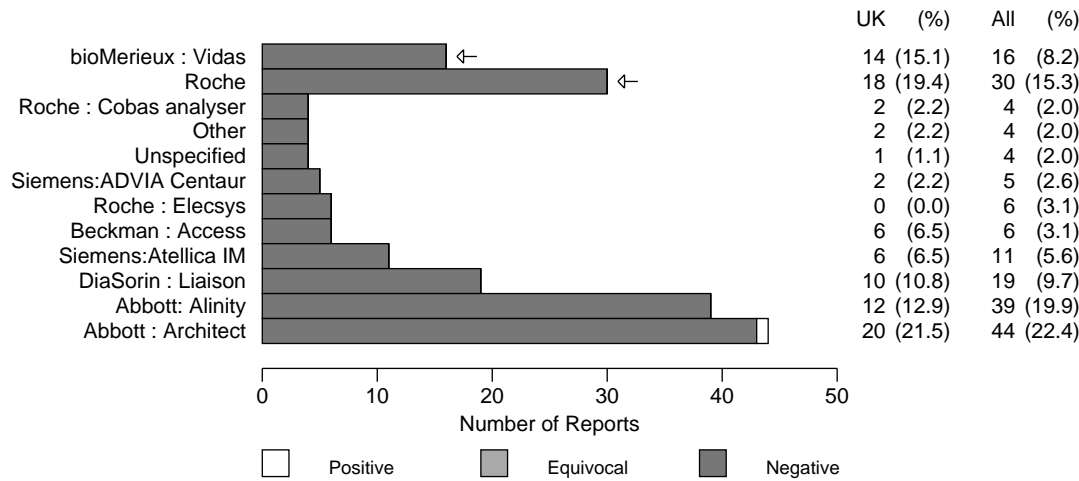
Your Report : VZV IgG negative  
Your Score : **2**

Overall Results	UK	All	Score
VZV IgG positive	1	1	-1
VZV IgG equivocal	0	0	1
VZV IgG negative	111	211	2
<b>Total</b>	<b>112</b>	<b>212</b>	
<b>% Correct</b>	<b>99.1</b>	<b>99.5</b>	



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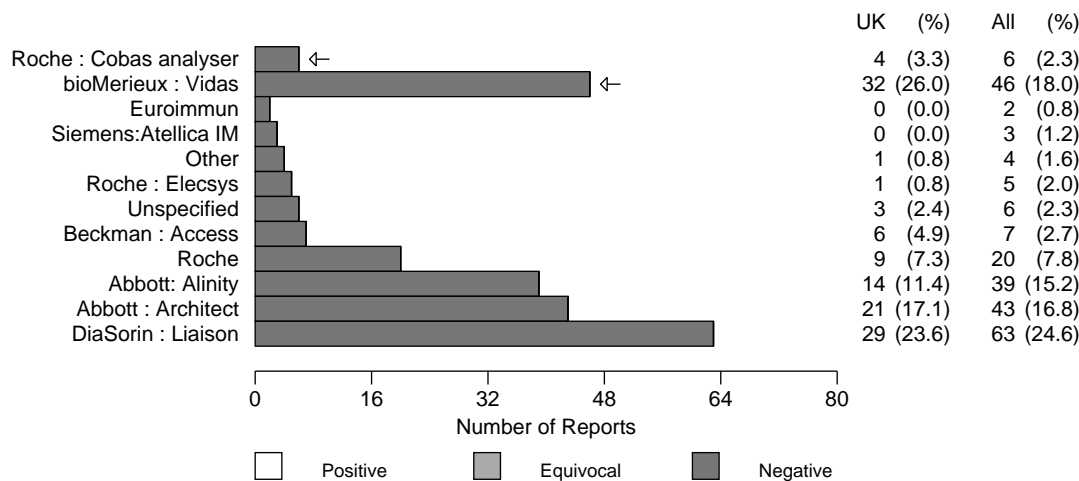
**Specimen : 8162** Intended result  
HAV IgG negative



Your Report : HAV IgG negative  
Your Score : **2**

Overall Results	UK	All	Score
HAV IgG positive	0	1	-1
HAV IgG equivocal	0	0	1
HAV IgG negative	81	188	2
<b>Total</b>	<b>81</b>	<b>189</b>	
<b>% Correct</b>	<b>100</b>	<b>99.5</b>	

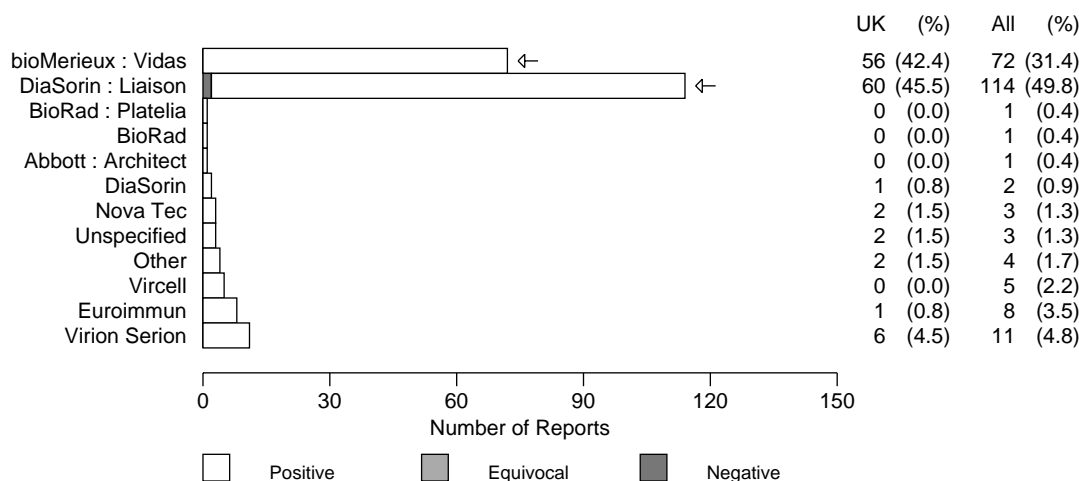
**Specimen : 8162** Intended result  
CMV IgG negative



Your Report : CMV IgG negative  
Your Score : **2**

Overall Results	UK	All	Score
CMV IgG positive	0	0	-1
CMV IgG equivocal	0	0	1
CMV IgG negative	101	229	2
<b>Total</b>	<b>101</b>	<b>229</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	

**Specimen : 8162** Intended result  
VZV IgG positive



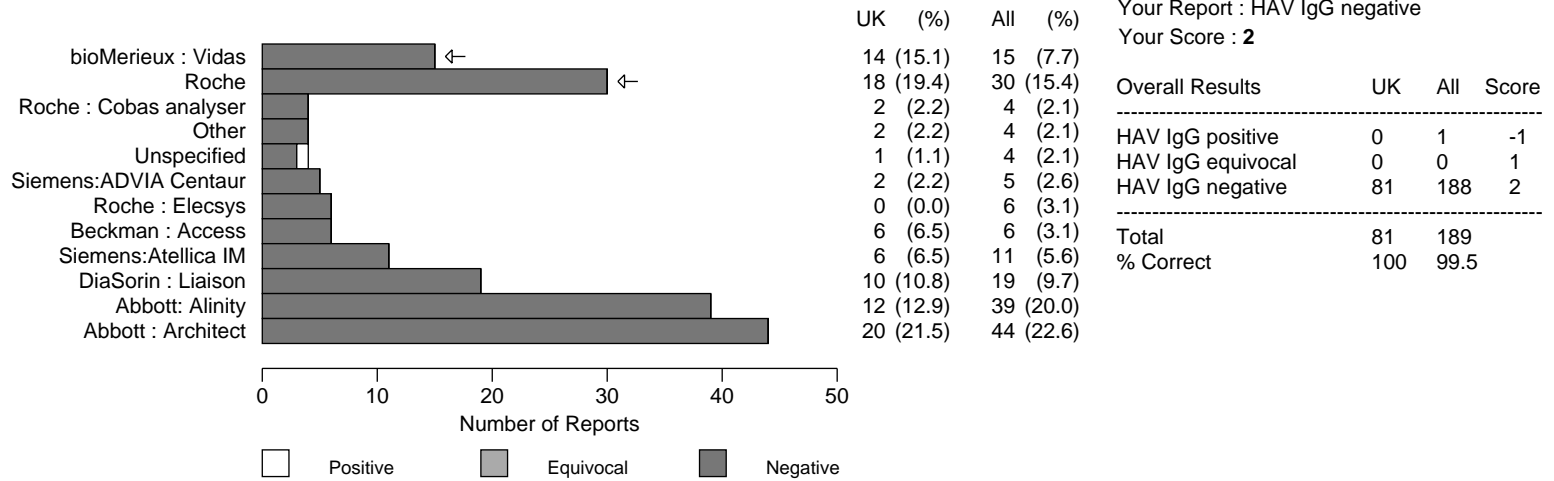
Your Report : VZV IgG positive  
Your Score : **2**

Overall Results	UK	All	Score
VZV IgG positive	111	209	2
VZV IgG equivocal	0	0	1
VZV IgG negative	1	2	-1
<b>Total</b>	<b>112</b>	<b>211</b>	
<b>% Correct</b>	<b>99.1</b>	<b>99.1</b>	

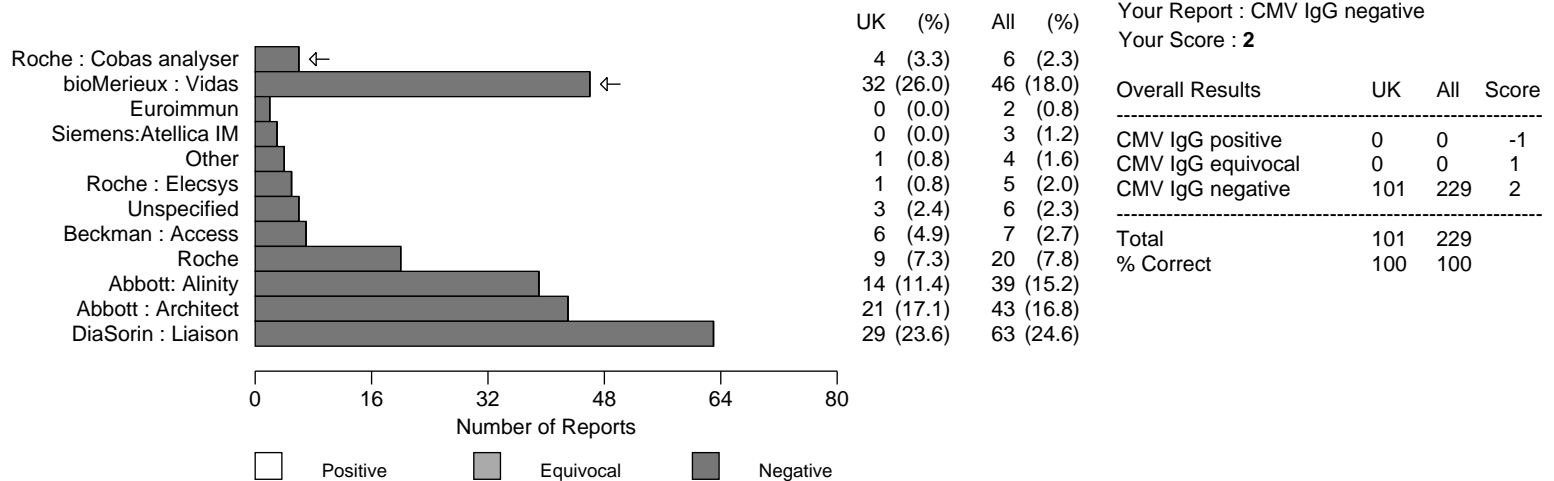


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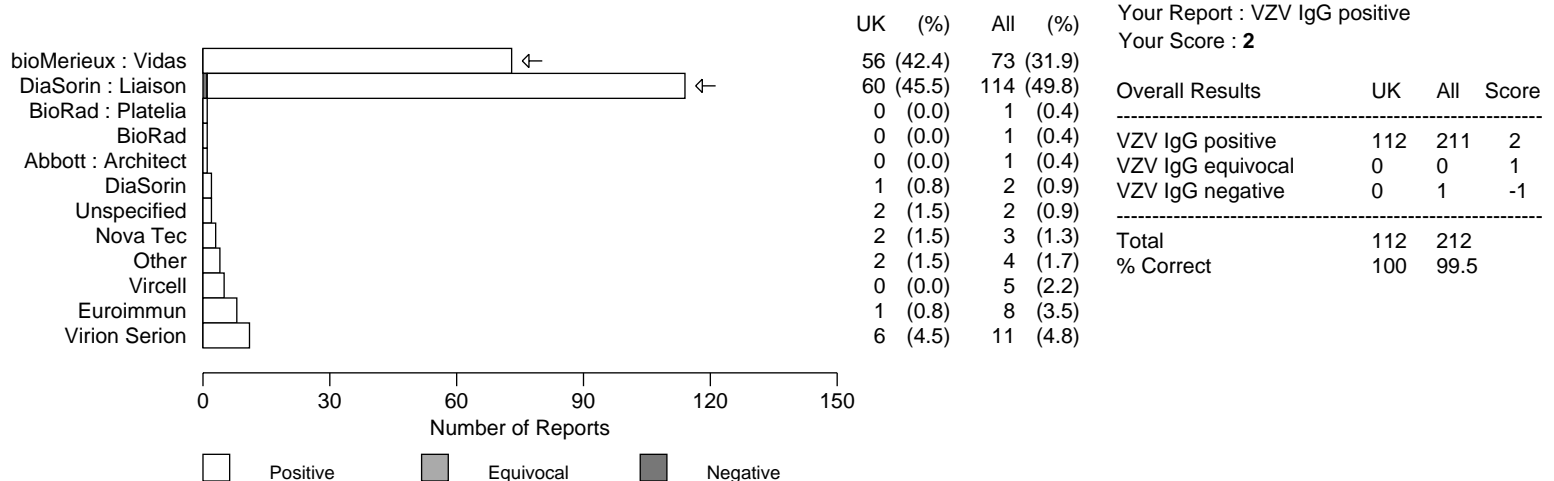
**Specimen : 8163** Intended result  
**HAV IgG negative**



**Specimen : 8163** Intended result  
**CMV IgG negative**



**Specimen : 8163** Intended result  
**VZV IgG positive**



### Comments on distribution 5487

The overall performance in this distribution was excellent, with 99.1% of participants reporting the intended results for scored specimen. This is an improvement of 0.8% compared to distribution 5384, where the performance was 98.3%.

**Specimen 8159: HAV IgG Positive: scored**

**Specimen 8159: VZV IgG negative: not scored**

Specimen Number	Roche Cobas HAV Ab	bioMerieux vidas HAV total Ab
	Lot No: 625986 Expiry: 07.2023	Lot No: 230711-0 Expiry: 11.07.23
	Index	mIU/mL
8159	0.067 (Pos)	52 (Pos)
<b>Cut-off with grey zone</b>	>1	15-20

Table 1. HAV IgG pre-distribution testing results for specimen 8159

Specimen Number	Virion Serion VZV IgG	bioMerieux Vidas VZV IgG	DiaSorin Liaison VZV IgG	Binding Site Vacczyme VZV gp IgG	Orgentec Alegria VZV IgG
	Lot No: EN0088 Expiry: 31.04.24	Lot No: 230507-0 Expiry: 07.05.23	Lot No: 328010 Expiry: 20.04.24	Lot No: 435329-1 Expiry: 08/22	Lot No: 2110591 Expiry: 21.11.23
	mIU/mL	TV	mIU/mL	mIU/mL	mIU/mL
8159	90.7 (Equiv)	0.32 (Neg)	115 (Equiv)	82 (Neg)	79.5 (Equiv)
<b>Cut-off with grey zone</b>	50-100	0.6-0.9	100-150	100-150	50-100

Table 2. VZV IgG pre-distribution testing results for specimen 8159

Please note that the kits were in date at time of testing for both markers





The bulk of specimen 8159 was prepared from a neat donation that were subsequently tested for HAV IgG and VZV IgG prior to distribution as illustrated in Table 1 and Table 2 respectively.

In pre-distribution testing, specimen tested positive for HAV IgG as illustrated in Table 1 and tested either as negative or equivocal for VZV IgG.

Of the 190 participants who reported for HAV IgG on this specimen, 90.5% (172) reported as positive, 1.1% (2) as equivocal and 8.4% (16) as negative.

Since the pre-distribution testing concurred, this analyte has been scored.

Two hundred and eleven participants reported on VZV IgG status on this specimen.

Of these, 84.8% (179) reported as negative, 9.0% (19) as equivocal and 6.6% (13) as positive.

As the pre-distribution testing results for VZV IgG were discrepant, this analyte has not been scored.

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://uknegasmicro.org.uk/incident-review-form/>

**End of report**

