

Intended Result	Your Report	Your Score
Specimen 8111 Measles IgG negative Mumps IgG negative	Measles IgG negative Mumps IgG negative	2 2
Specimen 8112 Measles IgG positive Mumps IgG negative	Measles IgG positive Mumps IgG negative	2 2
Specimen 8113 Measles IgG negative Mumps IgG positive	Measles IgG negative Mumps IgG positive	2 2
Specimen 8114 Measles IgG positive Mumps IgG positive	Measles IgG positive Mumps IgG positive	2 2

**Cumulative score information**

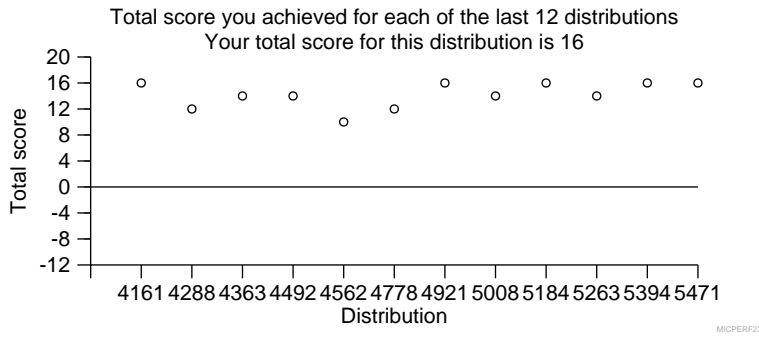
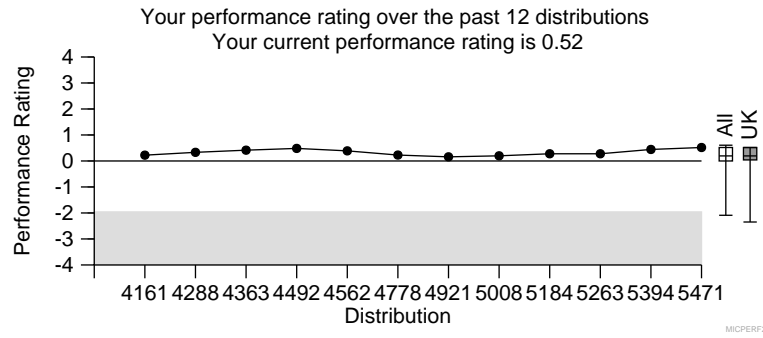
Total number of specimens sent to you for **UK NEQAS Measles & Mumps IgG serology** over the last 2 distributions is 8  
 For these distributions specimen numbers 7875 7876 7877 7878 8111 8112 8113 8114 have been sent.  
 Number of specimens reported too late for analysis (not scored) 0  
 Your cumulative score for the specimen/test combinations that you reported was 32 out of a possible 32  
 The mean score calculated from the reports returned by **UK** laboratories testing the specimen/test combinations you examined was 30.92 with a standard error of 2.09.

**Performance rating**

Your performance rating for **UK NEQAS Measles & Mumps IgG serology** (i.e. the number of standard errors by which your cumulative score lies above or below the mean for UK laboratories) is 0.52.  
 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.

**Please note:** the performance and score graphs have been updated to reflect the introduction of the mumps IgG testing.



**Comments:**

Overall performance was very good with 98.5% of participants reporting the intended results for Measles IgG and 96.2% of participants reporting the intended results for Mumps IgG.

Quantitative results for Measles IgG (expressed in mIU/mL) will no longer be included in the report as not enough participants report results in mIU/mL for a representative data set. As no International Standard is available, quantitative values reported for Mumps IgG are not collated.  
**Please refer to the comments page 6 for further information.**

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

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

**Acknowledgements:** We thank colleagues from St George's Hospital and the Department of Microbiology at Gloucestershire Hospitals for assistance with pre-distribution testing.

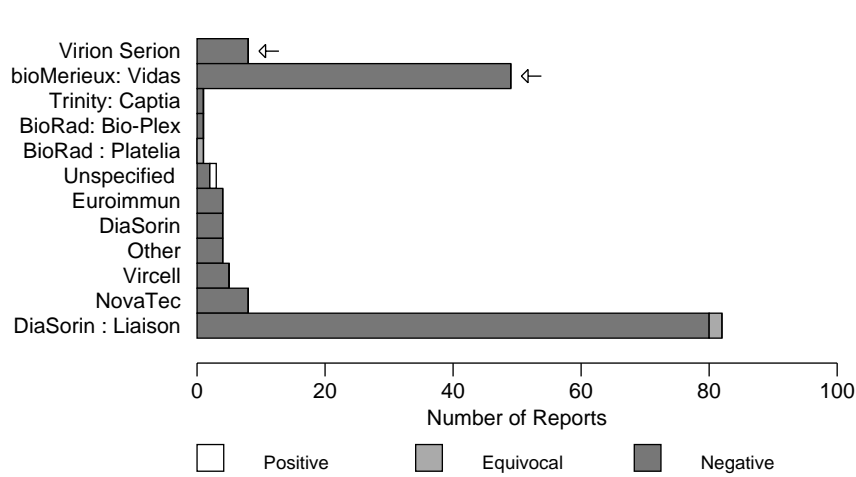
**UK NEQAS for Microbiology Scientific day: Friday 24 November 2023. Follow link for details:** <https://ukneqasmicro.org.uk/annualscientificmeeting/>

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



Four specimens were dispatched with a request to test for Measles IgG and Mumps IgG. All specimens were derived from thrombinised human plasma (serum). Specimens 8111 and 8113 were each derived from a neat donation, specimens 8112 and 8114 were each derived from two pooled donations. Bronidox at a final concentration of 0.05% was added as a preservative.

**Specimen : 8111 Measles IgG negative**

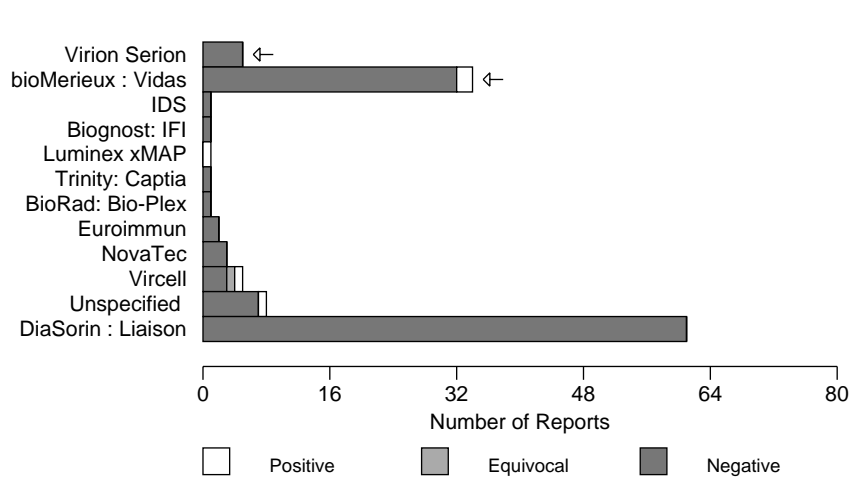


UK (%)	All (%)
4 (3.7)	8 (4.6)
40 (37.0)	49 (28.3)
1 (0.9)	1 (0.6)
0 (0.0)	1 (0.6)
1 (0.9)	1 (0.6)
2 (1.9)	3 (1.7)
1 (0.9)	4 (2.3)
2 (1.9)	4 (2.3)
1 (0.9)	4 (2.3)
0 (0.0)	5 (2.9)
7 (6.5)	8 (4.6)
49 (45.4)	82 (47.4)

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

Overall Results	UK	All	Score
Measles IgG positive	0	1	-1
Measles IgG equivocal	2	3	1
Measles IgG negative	94	161	2
<b>Total</b>	<b>96</b>	<b>165</b>	
<b>% Correct</b>	<b>97.9</b>	<b>97.6</b>	

**Specimen : 8111 Mumps IgG negative**



UK (%)	All (%)
1 (1.6)	5 (4.1)
28 (43.8)	34 (27.6)
0 (0.0)	1 (0.8)
0 (0.0)	1 (0.8)
0 (0.0)	1 (0.8)
1 (1.6)	1 (0.8)
0 (0.0)	1 (0.8)
1 (1.6)	2 (1.6)
2 (3.1)	3 (2.4)
0 (0.0)	5 (4.1)
4 (6.3)	8 (6.5)
27 (42.2)	61 (49.6)

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

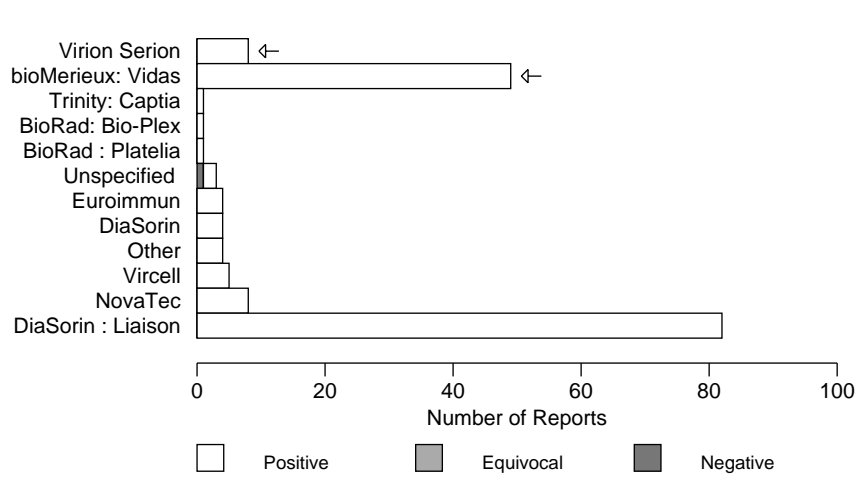
Overall Results	UK	All	Score
Mumps IgG positive	0	5	-1
Mumps IgG equivocal	0	1	1
Mumps IgG negative	57	113	2
<b>Total</b>	<b>57</b>	<b>119</b>	
<b>% Correct</b>	<b>100</b>	<b>95.0</b>	





Four specimens were dispatched with a request to test for Measles IgG and Mumps IgG. All specimens were derived from thrombinised human plasma (serum). Specimens 8111 and 8113 were each derived from a neat donation, specimens 8112 and 8114 were each derived from two pooled donations. Bronidox at a final concentration of 0.05% was added as a preservative.

**Specimen : 8112 Measles IgG positive**

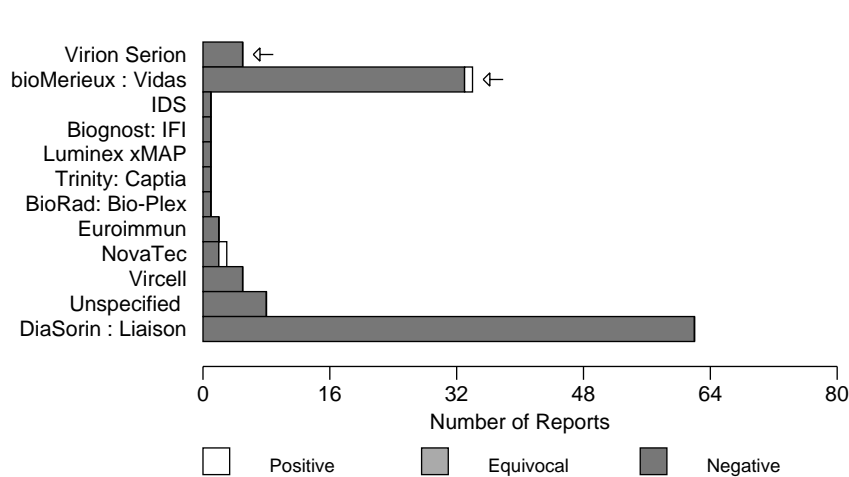


UK (%)	All (%)
4 (3.7)	8 (4.6)
40 (37.0)	49 (28.3)
1 (0.9)	1 (0.6)
0 (0.0)	1 (0.6)
1 (0.9)	1 (0.6)
2 (1.9)	3 (1.7)
1 (0.9)	4 (2.3)
2 (1.9)	4 (2.3)
1 (0.9)	4 (2.3)
0 (0.0)	5 (2.9)
7 (6.5)	8 (4.6)
49 (45.4)	82 (47.4)

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

Overall Results	UK	All	Score
Measles IgG positive	96	164	2
Measles IgG equivocal	0	0	1
Measles IgG negative	0	1	-1
<b>Total</b>	<b>96</b>	<b>165</b>	
<b>% Correct</b>	<b>100</b>	<b>99.4</b>	

**Specimen : 8112 Mumps IgG negative**



UK (%)	All (%)
1 (1.5)	5 (4.0)
28 (43.1)	34 (27.4)
0 (0.0)	1 (0.8)
0 (0.0)	1 (0.8)
0 (0.0)	1 (0.8)
1 (1.5)	1 (0.8)
0 (0.0)	1 (0.8)
1 (1.5)	2 (1.6)
2 (3.1)	3 (2.4)
0 (0.0)	5 (4.0)
4 (6.2)	8 (6.5)
28 (43.1)	62 (50.0)

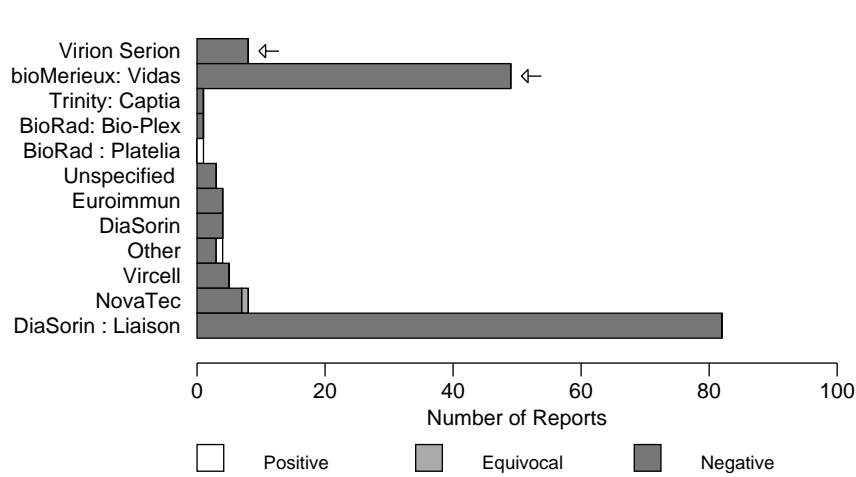
Your Report : Mumps IgG negative  
Your Score : **2**

Overall Results	UK	All	Score
Mumps IgG positive	1	3	-1
Mumps IgG equivocal	0	0	1
Mumps IgG negative	56	116	2
<b>Total</b>	<b>57</b>	<b>119</b>	
<b>% Correct</b>	<b>98.2</b>	<b>97.5</b>	



Four specimens were dispatched with a request to test for Measles IgG and Mumps IgG. All specimens were derived from thrombinised human plasma (serum). Specimens 8111 and 8113 were each derived from a neat donation, specimens 8112 and 8114 were each derived from two pooled donations. Bronidox at a final concentration of 0.05% was added as a preservative.

**Specimen : 8113 Measles IgG negative**

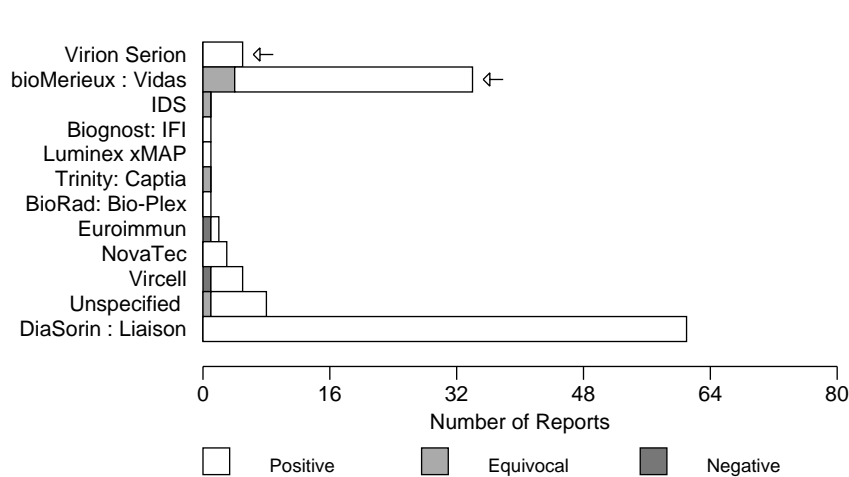


UK (%)	All (%)
4 (3.7)	8 (4.6)
40 (37.0)	49 (28.3)
1 (0.9)	1 (0.6)
0 (0.0)	1 (0.6)
1 (0.9)	1 (0.6)
2 (1.9)	3 (1.7)
1 (0.9)	4 (2.3)
2 (1.9)	4 (2.3)
1 (0.9)	4 (2.3)
0 (0.0)	5 (2.9)
7 (6.5)	8 (4.6)
49 (45.4)	82 (47.4)

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

Overall Results	UK	All	Score
Measles IgG positive	1	3	-1
Measles IgG equivocal	1	1	1
Measles IgG negative	94	161	2
<b>Total</b>	<b>96</b>	<b>165</b>	
<b>% Correct</b>	<b>97.9</b>	<b>97.6</b>	

**Specimen : 8113 Mumps IgG positive**



UK (%)	All (%)
1 (1.6)	5 (4.1)
28 (43.8)	34 (27.6)
0 (0.0)	1 (0.8)
0 (0.0)	1 (0.8)
0 (0.0)	1 (0.8)
1 (1.6)	1 (0.8)
0 (0.0)	1 (0.8)
1 (1.6)	2 (1.6)
2 (3.1)	3 (2.4)
0 (0.0)	5 (4.1)
4 (6.3)	8 (6.5)
27 (42.2)	61 (49.6)

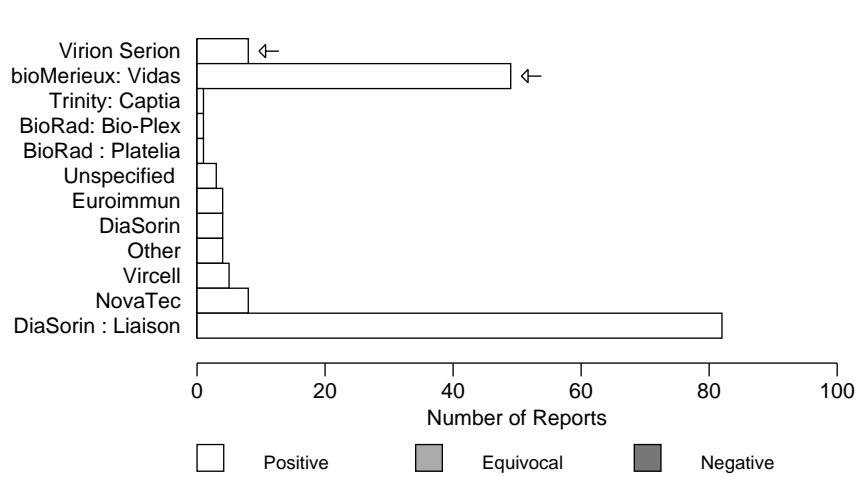
Your Report : Mumps IgG positive  
Your Score : **2**

Overall Results	UK	All	Score
Mumps IgG positive	51	110	2
Mumps IgG equivocal	5	7	1
Mumps IgG negative	1	2	-1
<b>Total</b>	<b>57</b>	<b>119</b>	
<b>% Correct</b>	<b>89.5</b>	<b>92.4</b>	



Four specimens were dispatched with a request to test for Measles IgG and Mumps IgG. All specimens were derived from thrombinised human plasma (serum). Specimens 8111 and 8113 were each derived from a neat donation, specimens 8112 and 8114 were each derived from two pooled donations. Bronidox at a final concentration of 0.05% was added as a preservative.

**Specimen : 8114 Measles IgG positive**

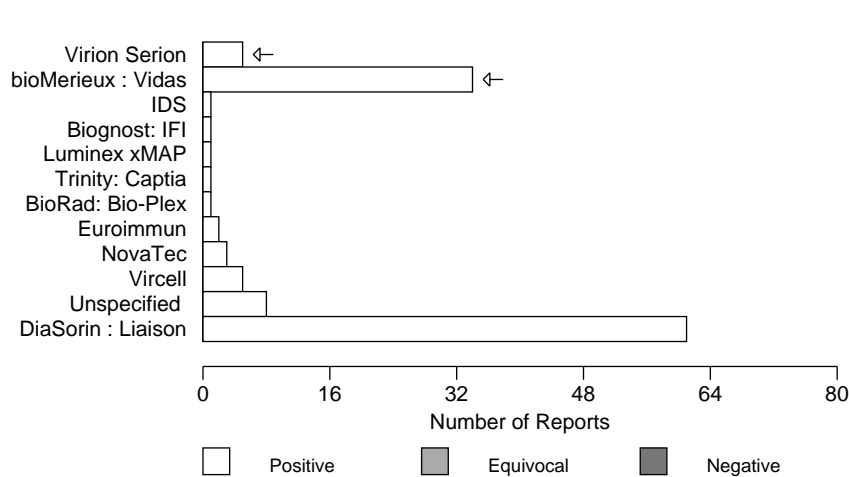


UK (%)	All (%)
4 (3.7)	8 (4.6)
40 (37.0)	49 (28.3)
1 (0.9)	1 (0.6)
0 (0.0)	1 (0.6)
1 (0.9)	1 (0.6)
2 (1.9)	3 (1.7)
1 (0.9)	4 (2.3)
2 (1.9)	4 (2.3)
1 (0.9)	4 (2.3)
0 (0.0)	5 (2.9)
7 (6.5)	8 (4.6)
49 (45.4)	82 (47.4)

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

Overall Results	UK	All	Score
Measles IgG positive	95	164	2
Measles IgG equivocal	0	0	1
Measles IgG negative	1	1	-1
<b>Total</b>	<b>96</b>	<b>165</b>	
<b>% Correct</b>	<b>99.0</b>	<b>99.4</b>	

**Specimen : 8114 Mumps IgG positive**



UK (%)	All (%)
1 (1.6)	5 (4.1)
28 (43.8)	34 (27.6)
0 (0.0)	1 (0.8)
0 (0.0)	1 (0.8)
0 (0.0)	1 (0.8)
1 (1.6)	1 (0.8)
0 (0.0)	1 (0.8)
1 (1.6)	2 (1.6)
2 (3.1)	3 (2.4)
0 (0.0)	5 (4.1)
4 (6.3)	8 (6.5)
27 (42.2)	61 (49.6)

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

Overall Results	UK	All	Score
Mumps IgG positive	57	119	2
Mumps IgG equivocal	0	0	1
Mumps IgG negative	0	0	-1
<b>Total</b>	<b>57</b>	<b>119</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	



### Comments on distribution 5471

The overall performance in this distribution was excellent, with 97.4% of participants reporting the intended results. This is an improvement of 2.0% on distribution 5394, where the overall performance was 95.4%.

**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/>

