

Intended Result	Your Report	Your Score
Specimen 6733 Galactomannan antigen positive	Galactomannan antigen positive	2
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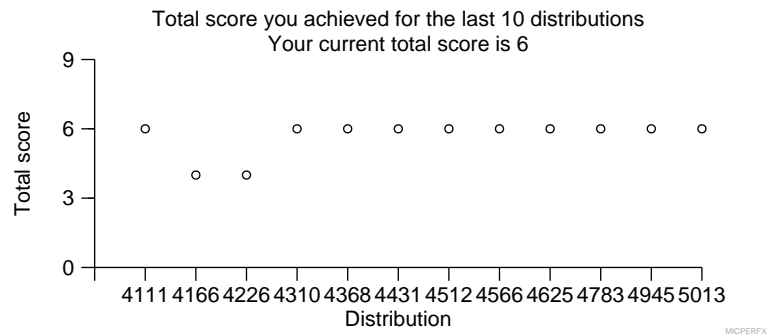
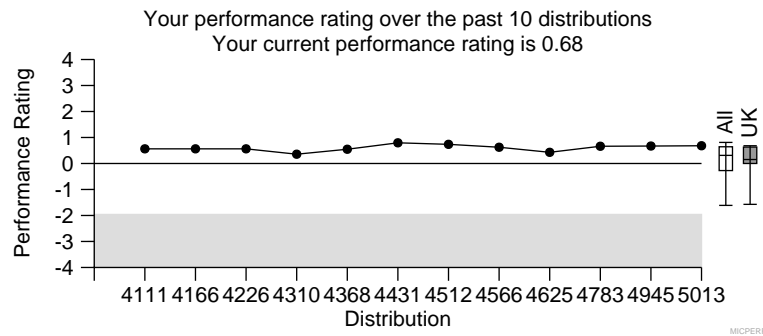
**Cumulative score information**

Total number of specimens sent to you for **UK NEQAS for Fungal biomarkers** over the last 3 distributions is 9  
 For these distributions specimen numbers 6030 6031 6032 6532 6533 6534 6733 6734 6735 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 18 out of a possible 18  
 The mean score calculated from the reports returned by **UK** laboratories testing the specimen/test combinations you examined was 16.18 with a standard error of 2.66.

**Performance rating**

Your performance rating for **UK NEQAS for Fungal biomarkers** (i.e. the number of standard errors by which your cumulative score lies above or below the mean for UK laboratories) is 0.68.  
 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 results. However non return of results may be used as a measure of poor performance.



**Comments:**

The samples were sent to 104 laboratories with 88 (84.6%) of laboratories returning results.

**Turn around time:** 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.

**Specimen 6733:**

This specimen was positive for galactomannan antigen in serum. Index values reported was >3.5 indicating a very strong positive result. Concordance with the intended result was excellent with 100% (74/74) of participants reporting the correct result.

**Specimen 6734:**

This specimen was positive for galactomannan antigen in serum. Index values reported was >3.5 indicating a very strong positive result. Concordance with the intended result was very good with 98.6% (70/71) of participants reporting the correct result.

**Specimen 6735:**

This specimen was positive for galactomannan antigen in serum. Index values reported were between 0.8 - 0.9 indicating a positive result. Concordance with the intended result was 86.3% (63/73) of participants reporting the correct result.

UK NEQAS perform a series of quality control checks during specimen preparation from distribution to post distribution of the samples. This is performed to ensure results are consistent within the expected intended range of the index values.

It is recommended, in the kit manufacturer's instructions for Biorad Platelia ELISA test, to eliminate false positives by retesting another aliquot of the same sample. The Mycology Reference Laboratory in Bristol, strongly recommend repeat testing on another aliquot of the same sample as per manufacturers instructions.

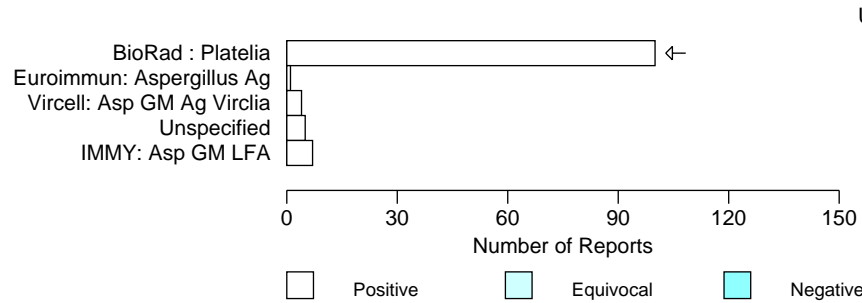
For repeat specimens, please request using the web form, (<https://ukneqasmicro.org.uk/participant-info/order-repeat-specimens>) stating your laboratory identification number, the distribution name and number, specimen number(s), and reason for request.  
 Any technical enquiries related to this distribution, please contact Shila Seaton, [organiser@ukneqasmicro.org.uk](mailto:organiser@ukneqasmicro.org.uk) stating your laboratory identification number above.

Report authorised by: Dr Jennifer Henderson, Scheme Organiser.



Three specimens were dispatched with a request of screening for galactomannan antigen by routine methods. All three specimens consisted of single thrombinised plasma (serum) that were spiked with galactomannan antigen.

**Specimen : 6733 Galactomannan antigen positive**  
Index: >3.5

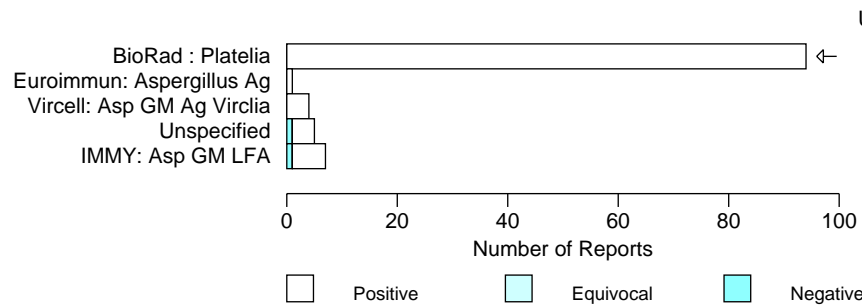


Method	UK (%)	All (%)
BioRad : Platelia	21 (91.3)	100 (85.5)
Euroimmun: Aspergillus Ag	0 (0.0)	1 (0.9)
Vircell: Asp GM Ag Virclia	0 (0.0)	4 (3.4)
Unspecified	1 (4.3)	5 (4.3)
IMMY: Asp GM LFA	1 (4.3)	7 (6.0)

Your Report : Galactomannan antigen positive  
Your Score : **2**

Overall Results	UK	All	Score
Positive	14	74	2
Equivocal	0	0	0
Negative	0	0	-1
<b>Total</b>	<b>14</b>	<b>74</b>	
<b>% Correct</b>	<b>100</b>	<b>100</b>	

**Specimen : 6734 Galactomannan antigen positive**  
Index: >3.5

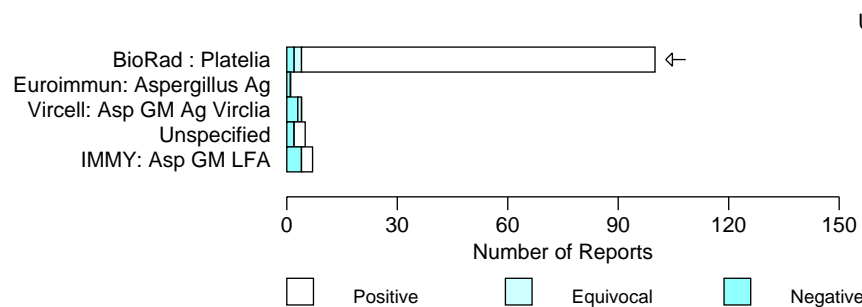


Method	UK (%)	All (%)
BioRad : Platelia	18 (90.0)	94 (84.7)
Euroimmun: Aspergillus Ag	0 (0.0)	1 (0.9)
Vircell: Asp GM Ag Virclia	0 (0.0)	4 (3.6)
Unspecified	1 (5.0)	5 (4.5)
IMMY: Asp GM LFA	1 (5.0)	7 (6.3)

Your Report : Galactomannan antigen positive  
Your Score : **2**

Overall Results	UK	All	Score
Positive	14	70	2
Equivocal	0	0	0
Negative	0	1	-1
<b>Total</b>	<b>14</b>	<b>71</b>	
<b>% Correct</b>	<b>100</b>	<b>98.6</b>	

**Specimen : 6735 Galactomannan antigen positive**  
Index: 0.8 - 0.9



Method	UK (%)	All (%)
BioRad : Platelia	20 (90.9)	100 (85.5)
Euroimmun: Aspergillus Ag	0 (0.0)	1 (0.9)
Vircell: Asp GM Ag Virclia	0 (0.0)	4 (3.4)
Unspecified	1 (4.5)	5 (4.3)
IMMY: Asp GM LFA	1 (4.5)	7 (6.0)

Your Report : Galactomannan antigen positive  
Your Score : **2**

Overall Results	UK	All	Score
Positive	11	63	2
Equivocal	0	2	0
Negative	2	8	-1
<b>Total</b>	<b>13</b>	<b>73</b>	
<b>% Correct</b>	<b>84.6</b>	<b>86.3</b>	



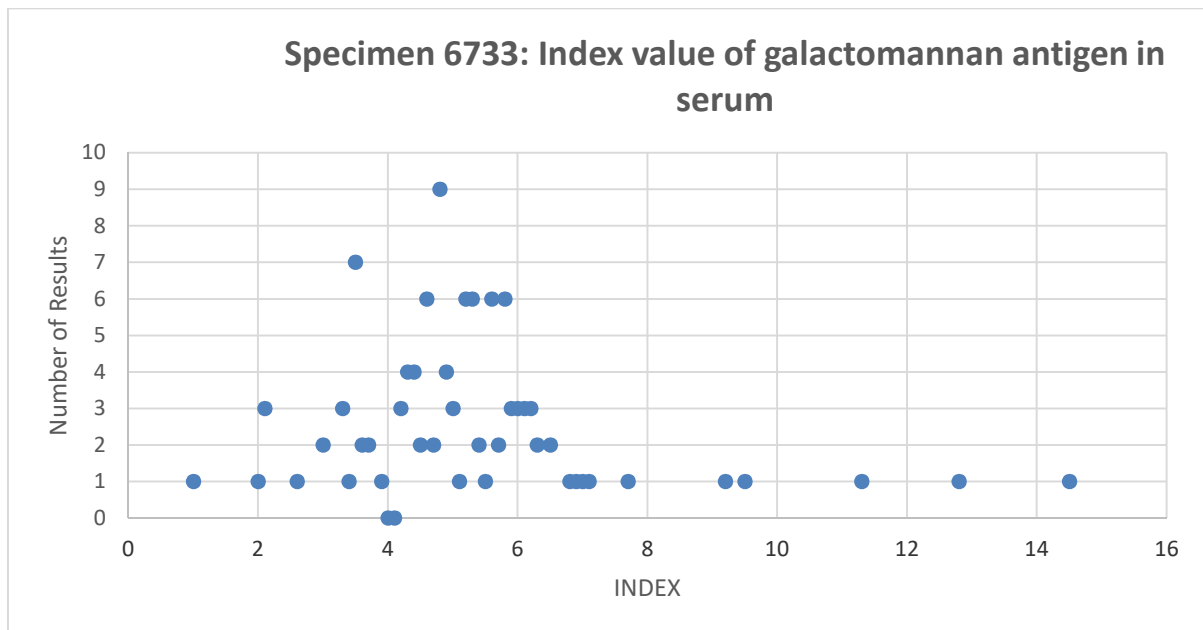
### Distribution 5013

#### Specimen 6733

This specimen was a strong positive for the presence of the galactomannan antigen in serum. UK NEQAS and reference laboratory index values determined were  $>3.5$ .

Most common index values reported by participants were: 3.5 (n = 7) and 4.8 (n = 9). Duplicate results entered have been included, (figure 1).

Figure 1:

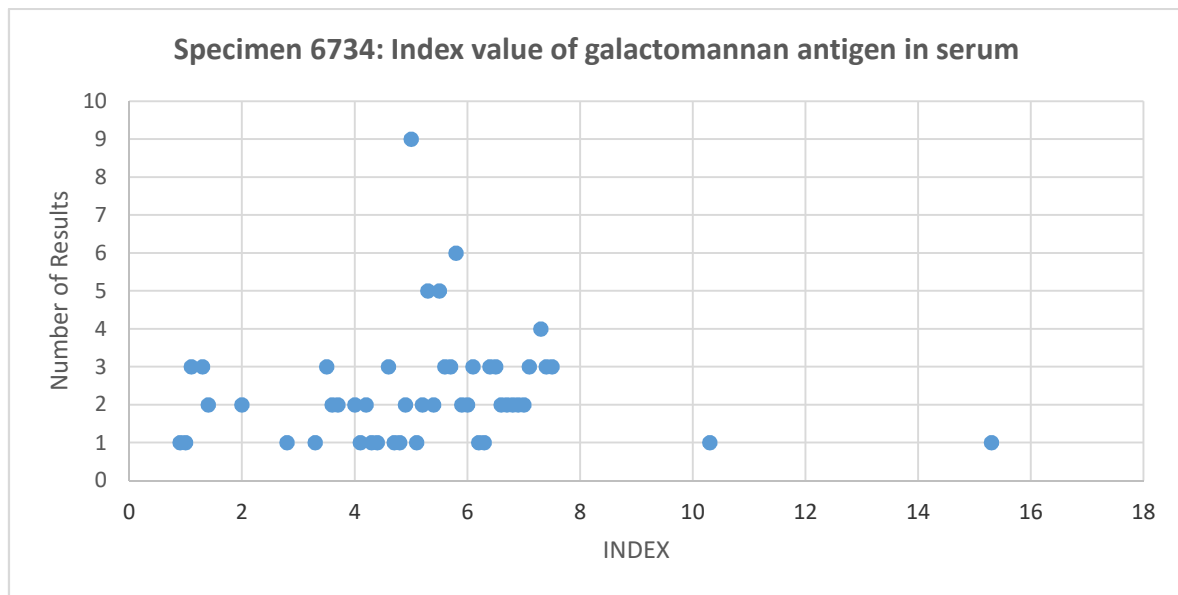


### Specimen 6734

This specimen was another strong positive for the presence of the galactomannan antigen in serum. UK NEQAS and reference laboratory index values determined ranged between >3.5.

The most common index value reported by participants was: 5.0 (n = 9) and 5.8 (n = 6). Duplicate results entered have been included, (figure 2).

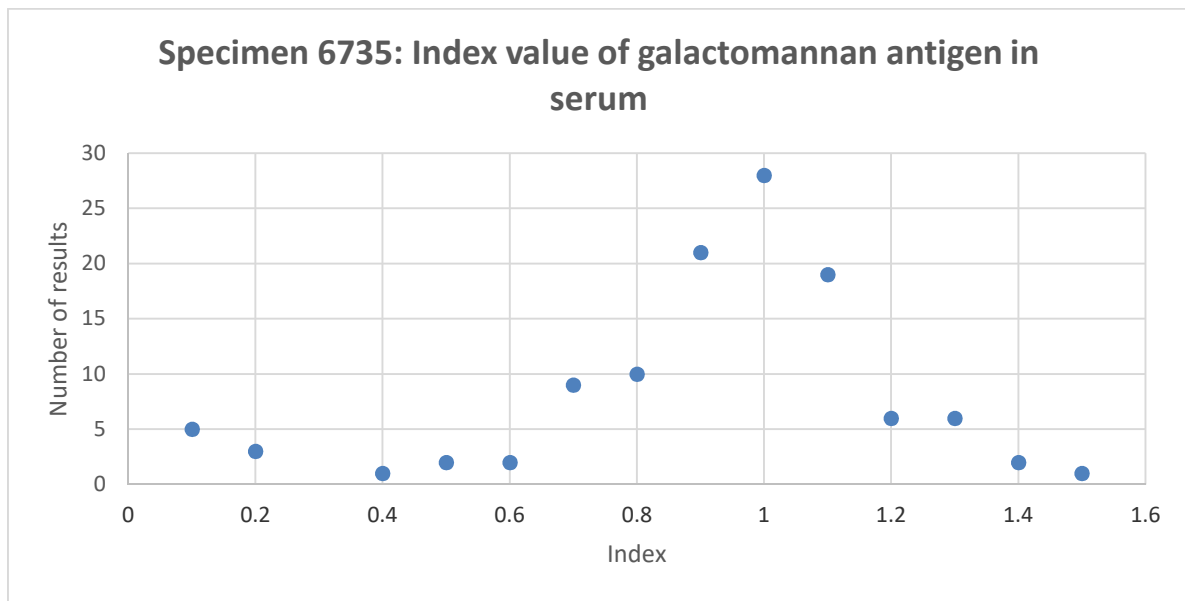
Figure 2:



### Specimen 6735

This specimen was positive for the presence of the galactomannan antigen in serum. UK NEQAS and reference laboratory index values determined were between 0.9 – 1.0. The most common index values reported by participants were: 0.9 (n=21), 1.0 (n=28) and 1.1 (n=19). Duplicate results entered have been included, (figure 3).

Figure 3:



END OF REPORT

