

Intended Result	Your Report	Your Score
Specimen 3743 Anti-HBs negative (<10 mIU/mL)	Anti-HBs negative (<10 mIU/mL)	2
Specimen 3744 Anti-HBs positive (>100 mIU/mL)	Anti-HBs positive (>100 mIU/mL)	2
Specimen 3745 Anti-HBs positive (>100 mIU/mL)	Anti-HBs positive (>100 mIU/mL)	2
Specimen 3746 Anti-HBs positive (>100 mIU/mL)	Anti-HBs positive (>100 mIU/mL)	2
Specimen 3747 Anti-HBs low level positive (10-100 mIU/mL)	Anti-HBs low level positive (10-100 mIU/mL)	2
Specimen 3748 Anti-HBs negative (<10 mIU/mL)	Anti-HBs negative (<10 mIU/mL)	2

Cumulative score information

Total number of specimens sent to you for **UK NEQAS for Anti-HBs detection** over the last 3 distributions is 18
For these distributions specimen numbers 3306 3307 3308 3309 3310 3311 3464 3465 3466 3467 3468 3469 3743 3744 3745 3746 3747 3748 have been analysed and scored.

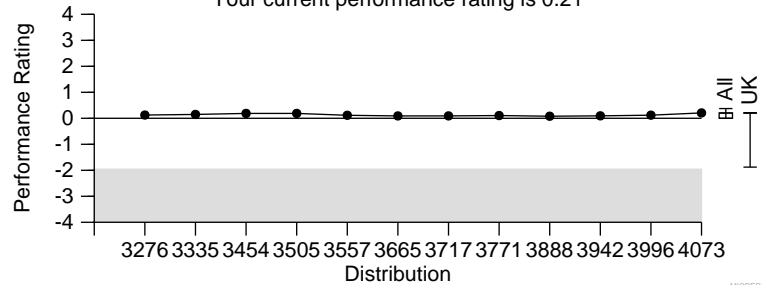
Number of reports scored 18
Number of specimens reported as not examined (not scored) 0
Number of specimens received too late for analysis (not scored) 0
Number of specimens for which no report was received (not scored) 0
Your cumulative score for these specimens was 36 out of a possible total of 36
The mean score calculated from the reports returned by **UK** laboratories was 35.70 with a standard error of 1.44.

Performance rating

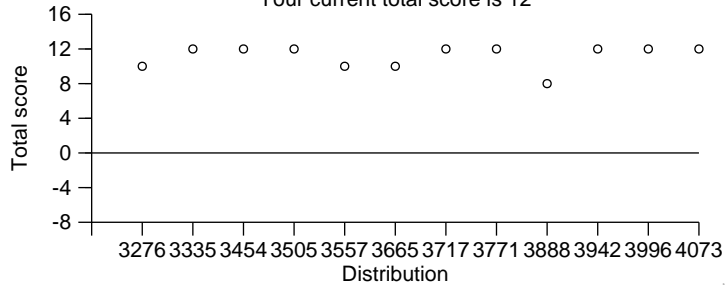
Your performance rating for **UK NEQAS for Anti-HBs detection** (i.e. the number of standard errors by which your cumulative score lies above or below the mean for UK laboratories) is 0.21.

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.

Your performance rating over the past distributions to a maximum of 12
Your current performance rating is 0.21



Total score you achieved for each of the last 12 distributions
Your current total score is 12



Comments

Quantitative results are shown for all methods and for the method(s) used by your laboratory. Where participants have reported quantitative absolute values greater than 5000 mIU/mL, we have recorded them as >5000 mIU/mL. Non-numeric values are recorded into fixed categories to simplify presentation. Your results are shown by an arrow(s) where histogram(s) of the results are displayed.

Participants are scored on the qualitative result. Specimens with pre-distribution results between 9 and 11 mIU/mL (CV of 10%) are excluded from scoring. Overall performance was excellent with 99.4% of participants reporting correct 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.

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 Habib Seyedzadeh.

For repeat specimens please order using the web form or e-mail organiser@ukneqasmicro.org.uk stating your laboratory identification number, the distribution name, distribution number and specimen numbers.

Acknowledgements: We thank colleagues at the PHE-NIS-Public Health Laboratories, Bristol and Southampton for assistance with pre-distribution testing.

Report authorised by: Dr. Sanjiv Rughooputh, Director



Six specimens derived from thrombinised human plasma were distributed. All specimens were made from pools of two sera. Specimen 3745 was anti-HBc positive.

Specimen : 3743

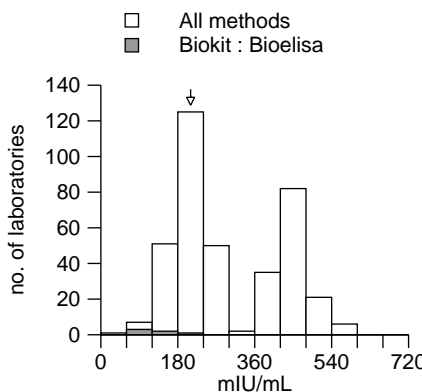
	n (UK)	range	median	5%-95%	Number of reports for non-numeric or off-scale results	Quantitative report :																								
All methods	281 (100)	0-10	0	0-2		Your result : <5 mIU/mL Your method median : 0.0 mIU/mL																								
Abbott : Architect	171 (61)	0-10	0	0-0	Quantitative result mIU/mL	Qualitative report : Your Report : Anti-HBs negative (<10 mIU/mL) Your Score : 2 <table border="1"> <thead> <tr> <th>Overall Results</th> <th>UK</th> <th>All</th> <th>Score</th> </tr> </thead> <tbody> <tr> <td>Positive</td> <td>0</td> <td>0</td> <td>-1</td> </tr> <tr> <td>Low level positive</td> <td>1</td> <td>1</td> <td>-1</td> </tr> <tr> <td>Negative</td> <td>150</td> <td>382</td> <td>2</td> </tr> <tr> <td colspan="4">-----</td> </tr> <tr> <td>Total</td> <td>151</td> <td>383</td> <td></td> </tr> </tbody> </table>	Overall Results	UK	All	Score	Positive	0	0	-1	Low level positive	1	1	-1	Negative	150	382	2	-----				Total	151	383	
Overall Results	UK	All	Score																											
Positive	0	0	-1																											
Low level positive	1	1	-1																											
Negative	150	382	2																											

Total	151	383																												
Beckman	9	0-0	0	0-0	Your method																									
Beckman : Access	9 (8)	0-4	0	0-3	All methods																									
Biokit : Bioelisa	5 (4)	0-0	0	0-0	<5																									
bioMerieux : Vidas	1 (1)	2-2	0	0-0	<10																									
DiaSorin	7 (2)	0-3	0	0-2																										
DiaSorin : Liaison	2	3-3	0	0-0																										
OCD : VITROS	6	0-0	0	0-0																										
Roche	55 (21)	0-4	2	2-2																										
Siemens:ADVIA Centaur	4 (2)	0-3	3	0-3																										
Siemens:EIA	2	3-7	0	0-2																										
Unspecified	7 (1)	0-2	0	0-2																										

Specimen : 3744

	n (UK)	range	median	5%-95%	Quantitative report :																								
All methods	402 (156)	51-578	243	131-506	Your result : 217 mIU/mL Your method median : 144.0 mIU/mL																								
Abbott : Architect	177 (62)	136-424	230	182-265	Qualitative report : Your Report : Anti-HBs positive (>100 mIU/mL) Your Score : 2 <table border="1"> <thead> <tr> <th>Overall Results</th> <th>UK</th> <th>All</th> <th>Score</th> </tr> </thead> <tbody> <tr> <td>Positive</td> <td>146</td> <td>376</td> <td>2</td> </tr> <tr> <td>Low level positive</td> <td>4</td> <td>5</td> <td>2</td> </tr> <tr> <td>Negative</td> <td>1</td> <td>2</td> <td>-1</td> </tr> <tr> <td colspan="4">-----</td> </tr> <tr> <td>Total</td> <td>151</td> <td>383</td> <td></td> </tr> </tbody> </table>	Overall Results	UK	All	Score	Positive	146	376	2	Low level positive	4	5	2	Negative	1	2	-1	-----				Total	151	383	
Overall Results	UK	All	Score																										
Positive	146	376	2																										
Low level positive	4	5	2																										
Negative	1	2	-1																										

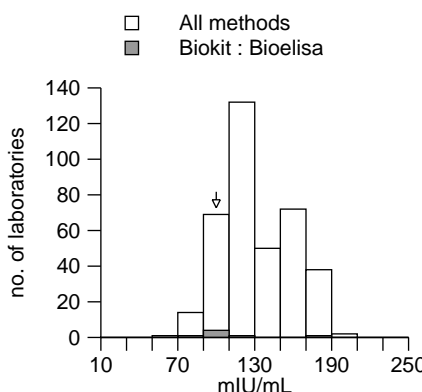
Total	151	383																											
Beckman	9	157-196	172	158-189																									
Beckman : Access	9 (8)	166-205	188	169-204																									
Biokit : Bioelisa	6 (5)	96-217	144	97-208																									
bioMerieux : Vidas	24 (18)	114-347	131	117-154																									
DiaSorin	8 (3)	133-270	220	152-260																									
DiaSorin : Liaison	14 (4)	361-433	387	362-429																									
OCD : VITROS	7	129-411	141	130-333																									
Roche	102 (39)	156-481	436	399-468																									
Siemens:ADVIA Centaur	26 (13)	215-578	512	422-568																									
Siemens:EIA	2	51-61	426	174-531																									
Unspecified	12 (1)	168-549	426	174-531																									



Specimen : 3745

	n (UK)	range	median	5%-95%	Quantitative report :																								
All methods	402 (156)	0-1081	125	95-178	Your result : 101 mIU/mL Your method median : 98.0 mIU/mL																								
Abbott : Architect	177 (62)	74-1081	113	94-129	Qualitative report : Your Report : Anti-HBs positive (>100 mIU/mL) Your Score : 2 <table border="1"> <thead> <tr> <th>Overall Results</th> <th>UK</th> <th>All</th> <th>Score</th> </tr> </thead> <tbody> <tr> <td>Positive</td> <td>141</td> <td>354</td> <td>2</td> </tr> <tr> <td>Low level positive</td> <td>9</td> <td>26</td> <td>2</td> </tr> <tr> <td>Negative</td> <td>1</td> <td>3</td> <td>-1</td> </tr> <tr> <td colspan="4">-----</td> </tr> <tr> <td>Total</td> <td>151</td> <td>383</td> <td></td> </tr> </tbody> </table>	Overall Results	UK	All	Score	Positive	141	354	2	Low level positive	9	26	2	Negative	1	3	-1	-----				Total	151	383	
Overall Results	UK	All	Score																										
Positive	141	354	2																										
Low level positive	9	26	2																										
Negative	1	3	-1																										

Total	151	383																											
Beckman	9	83-158	137	100-152																									
Beckman : Access	9 (8)	135-162	153	141-162																									
Biokit : Bioelisa	7 (6)	84-186	98	87-167																									
bioMerieux : Vidas	24 (18)	108-143	130	117-141																									
DiaSorin	8 (3)	115-169	144	123-167																									
DiaSorin : Liaison	14 (4)	125-157	143	132-157																									
OCD : VITROS	7	105-157	113	105-144																									
Roche	102 (39)	85-195	168	148-185																									
Siemens:ADVIA Centaur	26 (13)	0-143	128	115-141																									
Siemens:EIA	2	52-71	126	87-160																									
Unspecified	12 (1)	86-168	126	87-160																									



Six specimens derived from thrombinised human plasma were distributed. All specimens were made from pools of two sera. Specimen 3745 was anti-HBc positive.

Specimen : 3746

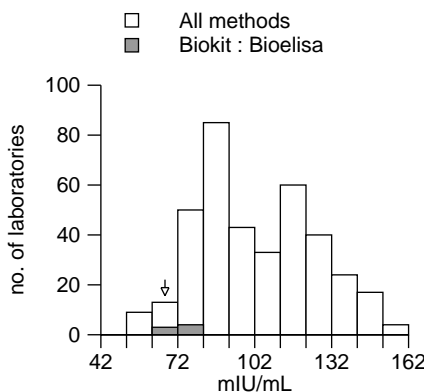
	n (UK)	range	median	5%-95%	Number of reports for non-numeric or off-scale results	Quantitative report :																								
All methods	83 (27)	0-4708	1000	479-4316		Your result : 3082 mIU/mL Your method median : 1500.5 mIU/mL																								
Abbott : Architect	14 (2)	1000-4539	1115	1000-4522		Qualitative report : Your Report : Anti-HBs positive (>100 mIU/mL) Your Score : 2 <table border="1"> <thead> <tr> <th>Overall Results</th> <th>UK</th> <th>All</th> <th>Score</th> </tr> </thead> <tbody> <tr> <td>Positive</td> <td>150</td> <td>381</td> <td>2</td> </tr> <tr> <td>Low level positive</td> <td>0</td> <td>0</td> <td>2</td> </tr> <tr> <td>Negative</td> <td>1</td> <td>2</td> <td>-1</td> </tr> <tr> <td colspan="4">-----</td> </tr> <tr> <td>Total</td> <td>151</td> <td>383</td> <td></td> </tr> </tbody> </table>	Overall Results	UK	All	Score	Positive	150	381	2	Low level positive	0	0	2	Negative	1	2	-1	-----				Total	151	383	
Overall Results	UK	All	Score																											
Positive	150	381	2																											
Low level positive	0	0	2																											
Negative	1	2	-1																											

Total	151	383																												
Beckman	2	769-769																												
Beckman : Access	5 (4)	800-842	833	804-842																										
Biokit : Bioelisa	6 (5)	0-3082	1500	42-2978																										
DiaSorin	2 (1)	500-1000																												
DiaSorin : Liaison	2	1000-1000																												
OCD : VITROS	2	1000-2680																												
Roche	39 (14)	1000-1000	1000	1000-1000																										
Siemens:ADVIA Centaur	5 (1)	0-4708	1000	200-3966																										
Siemens:EIA	2	260-477																												
Unspecified	2	769-1000																												

Specimen : 3747

	n (UK)	range	median	5%-95%	Number of reports for non-numeric or off-scale results	Quantitative report :																								
All methods	404 (156)	0-162	98	70-143		Your result : 66 mIU/mL Your method median : 73.0 mIU/mL																								
Abbott : Architect	177 (61)	0-114	87	71-97		Qualitative report : Your Report : Anti-HBs low level positive (10-100 mIU/mL) Your Score : 2 <table border="1"> <thead> <tr> <th>Overall Results</th> <th>UK</th> <th>All</th> <th>Score</th> </tr> </thead> <tbody> <tr> <td>Positive</td> <td>83</td> <td>189</td> <td>2</td> </tr> <tr> <td>Low level positive</td> <td>66</td> <td>191</td> <td>2</td> </tr> <tr> <td>Negative</td> <td>2</td> <td>3</td> <td>-1</td> </tr> <tr> <td colspan="4">-----</td> </tr> <tr> <td>Total</td> <td>151</td> <td>383</td> <td></td> </tr> </tbody> </table>	Overall Results	UK	All	Score	Positive	83	189	2	Low level positive	66	191	2	Negative	2	3	-1	-----				Total	151	383	
Overall Results	UK	All	Score																											
Positive	83	189	2																											
Low level positive	66	191	2																											
Negative	2	3	-1																											

Total	151	383																												
Beckman	9	62-117	98	74-116																										
Beckman : Access	9 (8)	100-121	111	102-120																										
Biokit : Bioelisa	7 (6)	64-78	73	65-78																										
bioMerieux : Vidas	24 (18)	108-158	136	122-155																										
DiaSorin	8 (3)	84-118	96	85-116																										
DiaSorin : Liaison	15 (4)	107-128	118	108-127																										
OCD : VITROS	7	66-119	72	66-109																										
Roche	102 (39)	64-136	118	104-133																										
Siemens:ADVIA Centaur	26 (13)	94-162	142	126-153																										
Siemens:EIA	2	28-35																												
Unspecified	12 (1)	63-147	115	66-145																										



Specimen : 3748

	n (UK)	range	median	5%-95%	Number of reports for non-numeric or off-scale results	Quantitative report :																								
All methods	277 (100)	0-130	0	0-2		Your result : <5 mIU/mL Your method median : 0.0 mIU/mL																								
Abbott : Architect	170 (61)	0-87	0	0-1		Qualitative report : Your Report : Anti-HBs negative (<10 mIU/mL) Your Score : 2 <table border="1"> <thead> <tr> <th>Overall Results</th> <th>UK</th> <th>All</th> <th>Score</th> </tr> </thead> <tbody> <tr> <td>Positive</td> <td>2</td> <td>2</td> <td>-1</td> </tr> <tr> <td>Low level positive</td> <td>2</td> <td>2</td> <td>-1</td> </tr> <tr> <td>Negative</td> <td>147</td> <td>379</td> <td>2</td> </tr> <tr> <td colspan="4">-----</td> </tr> <tr> <td>Total</td> <td>151</td> <td>383</td> <td></td> </tr> </tbody> </table>	Overall Results	UK	All	Score	Positive	2	2	-1	Low level positive	2	2	-1	Negative	147	379	2	-----				Total	151	383	
Overall Results	UK	All	Score																											
Positive	2	2	-1																											
Low level positive	2	2	-1																											
Negative	147	379	2																											

Total	151	383																												
Abbott : AxSYM	1	0-0																												
Beckman	9	0-1	0	0-1																										
Beckman : Access	9 (8)	0-0	0	0-0																										
Biokit : Bioelisa	5 (4)	0-86	0	0-69																										
DiaSorin	7 (2)	0-2	0	0-2																										
DiaSorin : Liaison	2	3-3																												
OCD : VITROS	6	0-0	0	0-0																										
Roche	53 (22)	0-130	2	2-2																										
Siemens:ADVIA Centaur	4 (2)	0-3	3	0-3																										
Siemens:EIA	2	4-8																												
Unspecified	7 (1)	0-2	0	0-2																										

