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UK NEQAS for Autoimmune Serology ANCA and GBM

Distribution : 182	April 2018	Participant : 94317
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481 out of 535 participants returned data for this distribution. 90 % response rate.

Nil Responses

653A, 11690, 12248, 13923, 13953A, 14182, 14370, 14575, 14605, 14620, 14638, 14640, 14811, 14819, 14888, 90604, 90610A, 90863, 90902, 91271, 91435, 91603, 91666, 93354, 93605, 93706, 94107, 94317, 94356, 94440, 94736, 94931, 94947, 95042, 95108, 95390D, 95390E, 95390G, 95390F, 95390H, 95402, CSCQ, ORG_G, ORG_A, ORG, BIOG, INFO, CODEX, TVN, SEQC, TVNR, VAR, DEKS, ANAND

Sample 182-1 was a sample made from pooled normal human serum.

Sample 182-2 was a single donor sample from a patient with Goodpasture's syndrome.

Sample	Method	Analyte	Target Response	Your Response	Score
182-1	IIF	ANCA	C.ANCA Negative / P.ANCA Negative	No Response	0
		GBM	Negative	No Response	0
	Immunoassay	ANCA	PR3 Negative / MPO Negative	No Response	0
		GBM	Negative	No Response	0

Sample	Method	Analyte	Target Response	Your Response	Score	OMIS
182-2	IIF	ANCA	C.ANCA Negative / P.ANCA Negative	No Response	0	0
		GBM	Positive	No Response	0	0
	Immunoassay	ANCA	PR3 Equivocal / MPO Negative	No Response	0	0
		GBM	Positive	No Response	0	0
					Total MIS	0

The current window of analysis comprises the previous six distributions.

Comments

Sample 182-2 was from a single donor sample from a patient with Goodpasture's Syndrome .

This sample produced a strong GBM result in the majority of laboratories, as expected, but also produced a weak result for PR3 - around the cut off of many assays - in more than 50% of immunoassay users.

This sample has been scored as GBM positive and PR3 equivocal.

The Misclassification scoring (**Total MIS**) system for the **qualitative** element of the scheme gives an indication of the number of instances where a laboratory's response is at variance with that defined for each specimen in a window of **six** distributions.

A panel of reference laboratories (10656, 10681, 10686, 10702, 10776, 12191, 14481) were in agreement in providing the target responses.

Laboratories have been given misclassification marks for an incorrect response to each analyte.


The qualitative elements are assessed by misclassification over a 12 sample window. The categories of performance are:

ANCA

	Total MIS
 Good	Zero
 Adequate	1-2
 Poor	>2

A MIS of 2 or more for any one analyte will also be classified as poor performance.

GBM

	Total MIS
 Good	Zero
 Adequate	1
 Poor	>1

For further performance criteria information please see our website at <http://www.immqas.org.uk>.

If laboratories require further assistance please contact the centre.

ANCA and GBM - Sample 182-1

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SUMMARY OF RESPONSES

	C ANCA		P ANCA		ANCA (Screen Only)		ATypical ANCA Pos	GBM	
	Pos	Neg	Pos	Neg	Pos	Neg		Pos	Neg
Indirect Immunofluorescence	2	342	19	325	0	9	11	1	51
A. Menarini - Zenit EIA	0	21	2	19	0	0	1	0	0
ACCUSAY	1	5	2	4	0	0	0	0	0
Alpha Dia	0	0	0	0	0	0	0	0	2
BioDiagnostics	0	4	0	4	0	0	0	0	0
Bio-Rad/Kallestad/Sanofi	0	9	2	8	0	0	2	0	0
Biosystems	0	5	0	5	0	0	0	0	2
Euroimmun	1	79	3	77	0	1	2	0	14
Immco	0	13	2	11	0	0	1	0	6
Immunoconcepts	0	8	0	8	0	1	0	0	0
In House	0	7	0	7	0	0	0	0	0
Inova	0	167	8	158	0	5	3	1	25
ORGenTec Alegria	0	0	0	0	0	2	0	0	0
Other ...	0	24	0	24	0	0	2	0	2
	PR3		MPO				GBM		
	Pos	Neg	Pos	Neg			Pos	Neg	
Immunoassay	3	446	0	450			7	363	
A. Menarini - Zenit EIA	0	1	0	1			0	1	
A. Menarini - Zenit RA	0	17	0	17			0	8	
AESKU	0	5	0	6			0	5	
Aeskulisa PR3 Sensitive	0	1	0	0			0	0	
Alpha Dia	0	5	0	5			0	5	
Biodiagnostics Quickcard	0	0	0	0			0	5	
Biosystems	0	1	0	1			0	1	
Diasorin	0	1	0	1			0	0	
D-tek	0	5	0	5			0	5	
Eurodiagnostica Diastat	0	1	0	1			0	0	
Eurodiagnostica Weislab	0	4	0	4			0	10	
Eurodiagnostica Weislab Capture	0	10	0	10			0	0	
Euroimmun	0	27	0	30			0	21	
Euroimmun PR3-hn-hr	0	3	0	0			0	0	
Genesis	0	1	0	1			0	0	
In House	0	2	0	3			0	1	
Inova	0	15	0	14			0	8	
Inova QUANTA Flash	0	49	0	49			1	31	
Luminex Tech. - Bio-Rad Bioplex 2200	0	37	0	37			1	31	
Luminex Tech. - THERADIAG (BMD)	0	3	0	3			0	3	
Not Stated	0	0	0	0			0	1	
ORGenTec	1	15	0	20			0	14	
ORGenTec Alegria	0	17	0	18			1	20	
Orgentec PR3 hs	0	2	0	0			0	0	
Other ...	0	9	0	9			0	8	
Phadia 100 EliA	0	1	0	1			1	6	
Phadia 100 EliA (MPOS)	0	0	0	2			0	0	
Phadia 100 EliA (PR3S)	1	3	0	0			0	0	
Phadia 1000/2500 EliA	0	8	0	8			0	10	
Phadia 250 EliA	1	63	0	63			3	165	
Phadia 250 EliA (MPOS)	0	0	0	139			0	0	
Phadia 250 EliA (PR3S)	0	137	0	0			0	0	
Trinity Biotech	0	1	0	1			0	0	
Wieslab	0	1	0	0			0	4	
ZEUS	0	1	0	1			0	0	

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INDIRECT IMMUNOFLUORESCENCE

Your Results	
<p>C ANCA: No Response</p> <p>C ANCA Quantitation:</p> <p>C ANCA Unit:</p> <p>C ANCA Manufacturer:</p> <p>P ANCA: No Response</p> <p>P ANCA Quantitation:</p> <p>P ANCA Unit:</p> <p>P ANCA Manufacturer:</p>	<p>ANCA Screen: No Response</p> <p>ANCA Screen Manufacturer:</p> <p>Atypical ANCA: No Response</p> <p>Atypical ANCA Manufacturer:</p> <p>GBM: No Response</p> <p>GBM Quantitation:</p> <p>GBM Unit:</p> <p>GBM Manufacturer:</p>

C ANCA	Returns	Positive	Negative	Mean	Range		
1/titre	342	2	340	17.37	0.00	-	40.00
A. Menarini - Zenit EIA	21	0	21	25.00	20.00	-	40.00
ACCUSAY	6	1	5	0.00	0.00	-	0.00
BioDiagnostics	4	0	4	0.00	0.00	-	0.00
Bio-Rad/Kallestad/Sanofi	9	0	9	30.00	20.00	-	40.00
Biosystems	5	0	5	0.00	0.00	-	0.00
Euroimmun	80	1	79	9.76	0.00	-	20.00
Immco	13	0	13	28.00	4.00	-	40.00
Immunoconcepts	8	0	8	20.00	20.00	-	20.00
In House	7	0	7	10.00	0.00	-	20.00
Inova	167	0	167	18.75	0.00	-	40.00
Other ...	22	0	22	20.00	0.00	-	40.00
OTHER UNITS	2	0	2				
Other ...	2	0	2	0.00	0.00	-	0.00
P ANCA							
1/titre	342	19	323	17.94	0.00	-	40.00
A. Menarini - Zenit EIA	21	2	19	30.00	20.00	-	40.00
ACCUSAY	6	2	4	10.00	0.00	-	20.00
BioDiagnostics	4	0	4	0.00	0.00	-	0.00
Bio-Rad/Kallestad/Sanofi	10	2	8	23.33	10.00	-	40.00
Biosystems	5	0	5	0.00	0.00	-	0.00
Euroimmun	80	3	77	9.76	0.00	-	20.00
Immco	13	2	11	61.00	4.00	-	160.00
Immunoconcepts	8	0	8	20.00	20.00	-	20.00
In House	7	0	7	10.00	0.00	-	20.00
Inova	166	8	158	19.52	0.00	-	40.00
Other ...	22	0	22	20.00	0.00	-	40.00
OTHER UNITS	2	0	2				
Other ...	2	0	2	0.00	0.00	-	0.00

Please note: The statistical figures in the tables above are trimmed

ANCA and GBM - Sample 182-1

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INDIRECT IMMUNOFLUORESCENCE

ANCA Screen

	Returns	Positive	Negative
	9	0	9
Euroimmun	1	0	1
Immunoconcepts	1	0	1
Inova	5	0	5
ORGenTec Alegria	2	0	2

Atypical ANCA

	Returns
	11
A. Menarini - Zenit EIA	1
Bio-Rad/Kallestad/Sanofi	2
Euroimmun	2
Immco	1
Inova	3
Other ...	2

GBM

	Returns	Positive	Negative	Mean	Range		
1/titre	49	1	48	9.29	0.00	-	20.00
Alpha Dia	2	0	2	0.00	0.00	-	0.00
Biosystems	1	0	1	0.00	0.00	-	0.00
Euroimmun	14	0	14	7.50	0.00	-	10.00
Immco	6	0	6	10.00	10.00	-	10.00
Inova	26	1	25	10.00	0.00	-	20.00
OTHER UNITS	3	0	3	6.10	6.10	-	6.10
Biosystems	1	0	1	0.00	0.00	-	0.00
Other ...	2	0	2	3.05	0.00	-	6.10

Please note: The statistical figures in the tables above are trimmed

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IMMUNOASSAY

Your Results

<p>PR3: No Response PR3 Quantitation: PR3 Unit: IU/mL or U/mL PR3 Manufacturer: Phadia 1000/2500 EliA</p> <p>MPO: No Response MPO Quantitation: MPO Unit: IU/mL or U/mL MPO Manufacturer: Phadia 1000/2500 EliA</p>	<p>GBM: No Response GBM Quantitation: GBM Unit: IU/mL or U/mL GBM Manufacturer: Phadia 1000/2500 EliA</p>
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PR3 IU/mL or U/mL	Returns	Positive	Negative	Mean	Range	
	228	2	226	1.12	0.00	- 4.88
A. Menarini - Zenit EIA	1	0	1	0.90	0.90	- 0.90
A. Menarini - Zenit RA	17	0	17	1.37	0.00	- 4.40
AESKU	5	0	5	1.32	0.88	- 2.13
Alpha Dia	1	0	1	0.00	0.00	- 0.00
Biosystems	1	0	1	1.06	1.06	- 1.06
Diasorin	1	0	1	1.00	1.00	- 1.00
Eurodiagnostica Diastat	1	0	1	1.60	1.60	- 1.60
Eurodiagnostica Weislab	4	0	4	0.64	0.22	- 1.00
Eurodiagnostica Weislab Capture	10	0	10	0.92	0.76	- 1.10
Euroimmun	19	0	19	1.20	0.00	- 2.50
Genesis	1	0	1	0.04	0.04	- 0.04
In House	2	0	2	4.00	4.00	- 4.00
Inova	14	0	14	2.65	0.90	- 4.88
Inova QUANTA Flash	34	0	34	1.60	0.00	- 3.00
Luminex Tech. - Bio-Rad Bioplex 2200	2	0	2	0.00	0.00	- 0.00
Luminex Tech. - THERADIAG (BMD)	3	0	3	1.67	1.00	- 2.00
ORGenTec	15	1	14	1.30	0.60	- 2.60
ORGenTec Alegria	17	0	17	1.60	0.50	- 2.30
Other ...	4	0	4	1.86	0.00	- 3.40
Phadia 100 EliA	1	0	1	0.00	0.00	- 0.00
Phadia 1000/2500 EliA	8	0	8	0.50	0.20	- 0.70
Phadia 250 EliA	64	1	63	0.32	0.00	- 1.00
Trinity Biotech	1	0	1	0.43	0.43	- 0.43
Wieslab	1	0	1	2.41	2.41	- 2.41
ZEUS	1	0	1	18.00	18.00	- 18.00
OTHER UNITS	221	1	220	1.30	0.00	- 9.00
Aeskulisa PR3 Sensitive	1	0	1	9.00	9.00	- 9.00
Alpha Dia	4	0	4	0.00	0.00	- 0.00
D-tek	5	0	5	0.00	0.00	- 0.00
Euroimmun	8	0	8	2.35	0.00	- 20.00
Euroimmun PR3-hn-hr	3	0	3	2.00	1.00	- 3.00
Inova	1	0	1	2.60	2.60	- 2.60
Inova QUANTA Flash	15	0	15	1.90	1.20	- 2.30
Luminex Tech. - Bio-Rad Bioplex 2200	35	0	35	0.20	0.20	- 0.20
ORGenTec	1	0	1	0.00	0.00	- 0.00
Orgentec PR3 hs	2	0	2	0.55	0.10	- 1.00
Other ...	5	0	5	32.37	0.00	- 159.00
Phadia 100 EliA (PR3S)	4	1	3	0.98	0.20	- 3.10
Phadia 250 EliA (PR3S)	137	0	137	0.27	0.00	- 0.70

Please note: The statistical figures in the tables above are trimmed

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IMMUNOASSAY

MPO	Returns	Positive	Negative	Mean	Range		
IU/mL or U/mL	234	0	234	1.18	0.00	-	7.00
A. Menarini - Zenit EIA	1	0	1	2.70	2.70	-	2.70
A. Menarini - Zenit RA	17	0	17	0.58	0.00	-	2.30
AESKU	6	0	6	2.84	1.17	-	4.90
Alpha Dia	1	0	1	0.00	0.00	-	0.00
Biosystems	1	0	1	0.17	0.17	-	0.17
Diasorin	1	0	1	1.00	1.00	-	1.00
Eurodiagnostica Diastat	1	0	1	1.50	1.50	-	1.50
Eurodiagnostica Weislab	4	0	4	0.94	0.83	-	1.00
Eurodiagnostica Weislab Capture	10	0	10	1.08	0.80	-	1.40
Euroimmun	21	0	21	1.83	0.00	-	3.00
Genesis	1	0	1	0.30	0.30	-	0.30
In House	3	0	3	3.00	0.00	-	6.00
Inova	13	0	13	1.96	0.30	-	3.10
Inova QUANTA Flash	34	0	34	2.32	0.00	-	4.20
Luminex Tech. - Bio-Rad Bioplex 2200	2	0	2	0.00	0.00	-	0.00
Luminex Tech. - THERADIAG (BMD)	3	0	3	0.33	0.00	-	1.00
ORGenTec	19	0	19	1.29	0.00	-	2.77
ORGenTec Alegria	18	0	18	1.32	0.90	-	1.80
Other ...	4	0	4	2.35	0.00	-	4.40
Phadia 100 EliA	1	0	1	0.00	0.00	-	0.00
Phadia 1000/2500 EliA	8	0	8	0.43	0.00	-	0.80
Phadia 250 EliA	63	0	63	0.34	0.10	-	0.60
Trinity Biotech	1	0	1	0.79	0.79	-	0.79
ZEUS	1	0	1	40.00	40.00	-	40.00
OTHER UNITS	216	0	216	1.88	0.00	-	20.00
Alpha Dia	4	0	4	0.00	0.00	-	0.00
D-tek	5	0	5	0.00	0.00	-	0.00
Euroimmun	9	0	9	3.43	0.00	-	20.00
Inova	1	0	1	5.10	5.10	-	5.10
Inova QUANTA Flash	15	0	15	2.73	1.20	-	3.70
Luminex Tech. - Bio-Rad Bioplex 2200	35	0	35	0.20	0.20	-	0.20
ORGenTec	1	0	1	0.00	0.00	-	0.00
Other ...	5	0	5	28.53	0.00	-	140.00
Phadia 100 EliA (MPOS)	2	0	2	0.40	0.40	-	0.40
Phadia 250 EliA (MPOS)	139	0	139	0.34	0.10	-	0.60

Please note: The statistical figures in the tables above are trimmed

ANCA and GBM - Sample 182-1

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IMMUNOASSAY

GBM	Returns	Positive	Negative	Mean	Range		
IU/mL or U/mL	294	5	289	2.15	0.00	-	12.10
A. Menarini - Zenit EIA	1	0	1	0.40	0.40	-	0.40
A. Menarini - Zenit RA	8	0	8	0.00	0.00	-	0.01
AESKU	5	0	5	2.76	0.40	-	5.01
Biosystems	1	0	1	0.97	0.97	-	0.97
Eurodiagnostica Weislab	10	0	10	1.05	0.00	-	2.68
Euroimmun	9	0	9	1.86	0.00	-	5.00
In House	1	0	1	0.00	0.00	-	0.00
Inova	7	0	7	3.25	0.07	-	5.80
Inova QUANTA Flash	22	0	22	2.69	2.00	-	3.10
Luminex Tech. - Bio-Rad Bioplex 2200	2	0	2	0.00	0.00	-	0.00
Luminex Tech. - THERADIAG (BMD)	3	0	3	0.00	0.00	-	0.00
ORGenTec	13	0	13	7.32	2.40	-	12.10
ORGenTec Alegria	21	1	20	6.63	3.40	-	10.00
Other ...	4	0	4	2.00	0.00	-	4.00
Phadia 100 EliA	7	1	6	1.40	0.00	-	2.40
Phadia 1000/2500 EliA	10	0	10	1.53	0.90	-	2.20
Phadia 250 EliA	168	3	165	1.23	0.00	-	3.30
Wieslab	2	0	2	2.50	2.50	-	2.50
OTHER UNITS	76	2	74	19.79	0.00	-	302.00
Alpha Dia	5	0	5	0.00	0.00	-	0.00
Biodiagnostics Quickcard	5	0	5	0.00	0.00	-	0.00
D-tek	5	0	5	0.00	0.00	-	0.00
Euroimmun	12	0	12	0.68	0.00	-	2.00
Inova	1	0	1	7.20	7.20	-	7.20
Inova QUANTA Flash	10	1	9	40.29	2.80	-	302.00
Luminex Tech. - Bio-Rad Bioplex 2200	30	1	29	0.20	0.20	-	0.20
Not Stated	1	0	1	0.00	0.00	-	0.00
ORGenTec	1	0	1	0.00	0.00	-	0.00
Other ...	4	0	4	27.03	0.00	-	107.00
Wieslab	2	0	2	0.10	0.00	-	0.19

Please note: The statistical figures in the tables above are trimmed

ANCA and GBM - Sample 182-2

Distribution : 182

April 2018

Participant 94317

SUMMARY OF RESPONSES

	C ANCA		P ANCA		ANCA (Screen Only)		ATypical ANCA	GBM	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	Neg
Indirect Immunofluorescence	58	286	1	343	2	7	0	51	3
A. Menarini - Zenit EIA	10	10	0	20	0	0	0	0	0
ACCUSAY	0	6	0	6	0	0	0	0	0
Alpha Dia	0	0	0	0	0	0	0	2	0
BioDiagnostics	0	4	0	4	0	0	0	0	0
Bio-Rad/Kallestad/Sanofi	1	8	0	10	0	0	0	0	0
Biosystems	0	5	0	5	0	0	0	2	0
Euroimmun	27	53	0	80	0	1	0	13	1
Immco	2	11	0	13	0	0	0	6	0
Immunoconcepts	0	8	0	8	0	1	0	0	0
In House	1	6	0	7	0	0	0	0	0
Inova	11	157	1	166	0	5	0	26	2
ORGenTec Alegria	0	0	0	0	2	0	0	0	0
Other ...	6	18	0	24	0	0	0	2	0
	PR3		MPO					GBM	
	Pos	Neg	Pos	Neg				Pos	Neg
Immunoassay	225	215	1	444				363	8
A. Menarini - Zenit EIA	1	0	0	1				1	0
A. Menarini - Zenit RA	13	3	1	16				8	0
AESKU	3	1	0	6				5	0
Aeskulisa PR3 Sensitive	1	0	0	0				0	0
Alpha Dia	0	5	0	5				5	0
Biodiagnostics Quickcard	0	0	0	0				4	0
Biosystems	0	1	0	1				1	0
Diasorin	1	0	0	1				0	0
D-tek	0	5	0	5				5	0
Eurodiagnostica Diastat	0	1	0	1				0	0
Eurodiagnostica Weislab	0	4	0	4				10	0
Eurodiagnostica Weislab Capture	1	9	0	10				0	0
Euroimmun	3	23	0	29				21	0
Euroimmun PR3-hn-hr	0	3	0	0				0	0
Genesis	0	1	0	1				0	0
In House	1	1	0	3				1	0
Inova	0	14	0	13				8	0
Inova QUANTA Flash	0	49	0	49				32	1
Luminex Tech. - Bio-Rad Bioplex 2200	0	37	0	37				31	1
Luminex Tech. - THERADIAG (BMD)	0	3	0	3				3	0
Not Stated	0	0	0	0				1	0
ORGenTec	4	12	0	20				14	0
ORGenTec Alegria	8	7	0	17				21	0
Orgentec PR3 hs	0	2	0	0				0	0
Other ...	2	8	0	9				8	0
Phadia 100 EliA	1	0	0	1				6	1
Phadia 100 EliA (MPOS)	0	0	0	2				0	0
Phadia 100 EliA (PR3S)	2	1	0	0				0	0
Phadia 1000/2500 EliA	8	0	0	8				10	0
Phadia 250 EliA	51	13	0	63				165	4
Phadia 250 EliA (MPOS)	0	0	0	137				0	0
Phadia 250 EliA (PR3S)	124	10	0	0				0	0
Trinity Biotech	1	0	0	1				0	0
Wieslab	0	1	0	0				3	1
ZEUS	0	1	0	1				0	0

ANCA and GBM - Sample 182-2

Distribution : 182

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Participant 94317

INDIRECT IMMUNOFLUORESCENCE

Your Results

<p>C ANCA: No Response</p> <p>C ANCA Quantitation:</p> <p>C ANCA Unit:</p> <p>C ANCA Manufacturer:</p> <p>P ANCA: No Response</p> <p>P ANCA Quantitation:</p> <p>P ANCA Unit:</p> <p>P ANCA Manufacturer:</p>	<p>ANCA Screen: No Response</p> <p>ANCA Screen Manufacturer:</p> <p>Atypical ANCA: No Response</p> <p>Atypical ANCA Manufacturer:</p> <p>GBM: No Response</p> <p>GBM Quantitation:</p> <p>GBM Unit:</p> <p>GBM Manufacturer:</p>
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C ANCA	Returns	Positive	Negative	Mean	Range		
1/titre	342	58	284	20.44	0.00	-	80.00
A. Menarini - Zenit EIA	20	10	10	26.67	20.00	-	40.00
ACCUSAY	6	0	6	0.00	0.00	-	0.00
BioDiagnostics	4	0	4	0.00	0.00	-	0.00
Bio-Rad/Kallestad/Sanofi	9	1	8	30.00	20.00	-	40.00
Biosystems	5	0	5	0.00	0.00	-	0.00
Euroimmun	80	27	53	15.00	0.00	-	40.00
Immco	13	2	11	26.00	4.00	-	40.00
Immunoconcepts	8	0	8	20.00	20.00	-	20.00
In House	7	1	6	10.00	0.00	-	20.00
Inova	168	11	157	18.90	0.00	-	40.00
Other ...	22	6	16	50.00	0.00	-	160.00
OTHER UNITS	2	0	2				
Other ...	2	0	2	0.00	0.00	-	0.00
P ANCA							
1/titre	342	1	341	17.16	0.00	-	40.00
A. Menarini - Zenit EIA	20	0	20	25.00	20.00	-	40.00
ACCUSAY	6	0	6	0.00	0.00	-	0.00
BioDiagnostics	4	0	4	0.00	0.00	-	0.00
Bio-Rad/Kallestad/Sanofi	10	0	10	23.33	10.00	-	40.00
Biosystems	5	0	5	0.00	0.00	-	0.00
Euroimmun	80	0	80	9.76	0.00	-	20.00
Immco	13	0	13	28.00	4.00	-	40.00
Immunoconcepts	8	0	8	20.00	20.00	-	20.00
In House	7	0	7	10.00	0.00	-	20.00
Inova	167	1	166	18.55	0.00	-	40.00
Other ...	22	0	22	20.00	0.00	-	40.00
OTHER UNITS	2	0	2				
Other ...	2	0	2	0.00	0.00	-	0.00

Please note: The statistical figures in the tables above are trimmed

ANCA and GBM - Sample 182-2

Distribution : 182

April 2018

Participant 94317

INDIRECT IMMUNOFLUORESCENCE

ANCA Screen

	Returns	Positive	Negative
	9	2	7
Euroimmun	1	0	1
Immunoconcepts	1	0	1
Inova	5	0	5
ORGenTec Alegria	2	2	0

Atypical ANCA

Returns
0

GBM

	Returns	Positive	Negative	Mean	Range		
1/titre	51	48	3	58.71	1.00	-	250.00
Alpha Dia	2	2	0	10.00	10.00	-	10.00
Biosystems	1	1	0	0.00	0.00	-	0.00
Euroimmun	14	13	1	163.00	1.00	-	320.00
Immco	6	6	0	27.50	10.00	-	80.00
Inova	28	26	2	56.83	5.00	-	160.00
OTHER UNITS	3	3	0				
Biosystems	1	1	0	0.00	0.00	-	0.00
Other ...	2	2	0	0.00	0.00	-	0.00

Please note: The statistical figures in the tables above are trimmed

ANCA and GBM - Sample 182-2

Distribution : 182

April 2018

Participant 94317

IMMUNOASSAY

Your Results

<p>PR3: No Response</p> <p>PR3 Quantitation:</p> <p>PR3 Unit: IU/mL or U/mL</p> <p>PR3 Manufacturer: Phadia 1000/2500 EliA</p> <p>MPO: No Response</p> <p>MPO Quantitation:</p> <p>MPO Unit: IU/mL or U/mL</p> <p>MPO Manufacturer: Phadia 1000/2500 EliA</p>	<p>GBM: No Response</p> <p>GBM Quantitation:</p> <p>GBM Unit: IU/mL or U/mL</p> <p>GBM Manufacturer: Phadia 1000/2500 EliA</p>
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PR3	Returns	Positive	Negative	Mean	Range		
IU/mL or U/mL	222	94	128	6.98	0.00	-	34.70
A. Menarini - Zenit EIA	1	1	0	32.90	32.90	-	32.90
A. Menarini - Zenit RA	16	13	3	34.68	23.70	-	45.40
AESKU	4	3	1	18.40	1.28	-	38.40
Alpha Dia	1	0	1	0.00	0.00	-	0.00
Biosystems	1	0	1	1.53	1.53	-	1.53
Diasorin	1	1	0	5.00	5.00	-	5.00
Eurodiagnostica Diastat	1	0	1	1.90	1.90	-	1.90
Eurodiagnostica Weislab	4	0	4	2.10	1.50	-	2.80
Eurodiagnostica Weislab Capture	10	1	9	2.81	1.04	-	4.00
Euroimmun	18	1	17	4.88	0.00	-	9.00
Genesis	1	0	1	0.13	0.13	-	0.13
In House	2	1	1	4.10	3.00	-	5.20
Inova	13	0	13	8.25	2.00	-	18.10
Inova QUANTA Flash	34	0	34	8.68	0.00	-	15.30
Luminex Tech. - Bio-Rad Bioplex 2200	2	0	2	0.60	0.60	-	0.60
Luminex Tech. - THERADIAG (BMD)	3	0	3	10.67	8.00	-	15.00
ORGenTec	15	3	12	4.21	1.50	-	17.00
ORGenTec Alegria	15	8	7	8.32	1.30	-	17.50
Other ...	4	1	3	5.75	0.00	-	17.00
Phadia 100 EliA	1	1	0	5.00	5.00	-	5.00
Phadia 1000/2500 EliA	8	8	0	5.56	4.60	-	6.80
Phadia 250 EliA	64	51	13	5.00	0.20	-	7.40
Trinity Biotech	1	1	0	1.02	1.02	-	1.02
Wieslab	1	0	1	1.34	1.34	-	1.34
ZEUS	1	0	1	102.00	102.00	-	102.00
OTHER UNITS	218	131	87	7.21	0.00	-	28.50
Aeskulisa PR3 Sensitive	1	1	0	28.50	28.50	-	28.50
Alpha Dia	4	0	4	0.00	0.00	-	0.00
D-tek	5	0	5	0.00	0.00	-	0.00
Euroimmun	8	2	6	4.79	0.00	-	20.00
Euroimmun PR3-hn-hr	3	0	3	6.93	3.70	-	10.00
Inova	1	0	1	8.00	8.00	-	8.00
Inova QUANTA Flash	15	0	15	13.01	11.70	-	16.70
Luminex Tech. - Bio-Rad Bioplex 2200	35	0	35	0.59	0.50	-	0.70
ORGenTec	1	1	0	2.00	2.00	-	2.00
Orgentec PR3 hs	2	0	2	6.65	4.00	-	9.30
Other ...	6	1	5	2.44	0.00	-	5.30
Phadia 100 EliA (PR3S)	3	2	1	7.93	4.60	-	14.20
Phadia 250 EliA (PR3S)	134	124	10	5.03	3.30	-	6.80

Please note: The statistical figures in the tables above are trimmed

ANCA and GBM - Sample 182-2

Distribution : 182

April 2018

Participant 94317

IMMUNOASSAY

MPO	Returns	Positive	Negative	Mean	Range		
IU/mL or U/mL	231	1	230	0.77	0.00	-	4.00
A. Menarini - Zenit EIA	1	0	1	0.10	0.10	-	0.10
A. Menarini - Zenit RA	17	1	16	0.03	0.00	-	0.20
AESKU	6	0	6	1.03	0.57	-	1.80
Alpha Dia	1	0	1	0.00	0.00	-	0.00
Biosystems	1	0	1	0.00	0.00	-	0.00
Diasorin	1	0	1	1.00	1.00	-	1.00
Eurodiagnostica Diastat	1	0	1	0.60	0.60	-	0.60
Eurodiagnostica Weislab	4	0	4	0.52	0.00	-	1.00
Eurodiagnostica Weislab Capture	10	0	10	0.59	0.00	-	1.20
Euroimmun	20	0	20	0.97	0.00	-	3.10
Genesis	1	0	1	0.10	0.10	-	0.10
In House	3	0	3	1.31	0.62	-	2.00
Inova	12	0	12	3.05	0.20	-	10.00
Inova QUANTA Flash	34	0	34	1.99	0.00	-	3.20
Luminex Tech. - Bio-Rad Bioplex 2200	2	0	2	0.00	0.00	-	0.00
Luminex Tech. - THERADIAG (BMD)	3	0	3	0.00	0.00	-	0.00
ORGenTec	19	0	19	0.86	0.00	-	1.80
ORGenTec Alegria	17	0	17	1.07	0.80	-	1.40
Other ...	4	0	4	1.18	0.00	-	3.00
Phadia 100 EliA	1	0	1	0.00	0.00	-	0.00
Phadia 1000/2500 EliA	8	0	8	0.20	0.20	-	0.20
Phadia 250 EliA	63	0	63	0.16	0.00	-	0.30
Trinity Biotech	1	0	1	0.50	0.50	-	0.50
ZEUS	1	0	1	9.00	9.00	-	9.00
OTHER UNITS	214	0	214	0.93	0.00	-	4.10
Alpha Dia	4	0	4	0.00	0.00	-	0.00
D-tek	5	0	5	0.00	0.00	-	0.00
Euroimmun	9	0	9	2.55	0.00	-	20.00
Inova	1	0	1	4.10	4.10	-	4.10
Inova QUANTA Flash	15	0	15	2.67	1.20	-	3.20
Luminex Tech. - Bio-Rad Bioplex 2200	35	0	35	0.20	0.20	-	0.20
ORGenTec	1	0	1	0.00	0.00	-	0.00
Other ...	5	0	5	29.10	0.00	-	115.00
Phadia 100 EliA (MPOS)	2	0	2	0.20	0.20	-	0.20
Phadia 250 EliA (MPOS)	137	0	137	0.16	0.00	-	0.40

Please note: The statistical figures in the tables above are trimmed

ANCA and GBM - Sample 182-2

Distribution : 182

April 2018

Participant 94317

IMMUNOASSAY

GBM	Returns	Positive	Negative	Mean	Range	
IU/mL or U/mL	295	289	6	98.64	0.80	- 248.70
A. Menarini - Zenit EIA	1	1	0	224.70	224.70	- 224.70
A. Menarini - Zenit RA	8	8	0	240.21	205.10	- 283.00
AESKU	5	5	0	136.90	80.50	- 214.00
Biosystems	1	1	0	34.90	34.90	- 34.90
Eurodiagnostica Weislab	10	10	0	24.88	5.90	- 43.00
Euroimmun	9	9	0	50.03	37.00	- 56.00
In House	1	1	0	99.00	99.00	- 99.00
Inova	7	7	0	113.72	2.90	- 160.00
Inova QUANTA Flash	22	22	0	289.25	233.00	- 338.30
Luminex Tech. - Bio-Rad Bioplex 2200	2	2	0	4.90	4.70	- 5.10
Luminex Tech. - THERADIAG (BMD)	3	3	0	81.00	69.00	- 88.00
ORGenTec	13	13	0	160.10	22.30	- 273.32
ORGenTec Alegria	21	21	0	191.91	120.00	- 201.00
Other ...	4	4	0	90.87	40.00	- 145.00
Phadia 100 EliA	7	6	1	89.71	0.80	- 180.00
Phadia 1000/2500 EliA	10	10	0	89.23	65.30	- 111.00
Phadia 250 EliA	169	165	4	93.54	45.00	- 136.00
Wieslab	2	1	1	23.80	23.80	- 23.80
OTHER UNITS	76	74	2	89.52	0.00	- 342.00
Alpha Dia	5	5	0	16.00	1.00	- 25.00
Biodiagnostics Quickcard	4	4	0	4.00	4.00	- 4.00
D-tek	5	5	0	57.00	39.00	- 64.00
Euroimmun	12	12	0	75.66	0.00	- 161.00
Inova	1	1	0	134.00	134.00	- 134.00
Inova QUANTA Flash	11	10	1	297.23	254.30	- 342.00
Luminex Tech. - Bio-Rad Bioplex 2200	30	29	1	5.10	4.25	- 6.10
Not Stated	1	1	0	52.00	52.00	- 52.00
ORGenTec	1	1	0	4.00	4.00	- 4.00
Other ...	4	4	0	90.13	1.00	- 266.00
Wieslab	2	2	0	4.03	1.05	- 7.00

Please note: The statistical figures in the tables above are trimmed