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UK NEQAS for Autoimmune Serology ANCA and GBM

Distribution : 183	June 2018	Participant : 94317
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482 out of 536 participants returned data for this distribution. 90 % response rate.

Nil Responses

10066, 10668, 11690, 13923, 13942, 14064, 14064B, 14241A, 14370, 14530, 14558, 14575, 14638, 14805, 14805B, 14896, 15063, 90367A, 90604, 90610A, 90657, 91271, 91458, 91624, 91645, 91666, 91741, 91779, 91827, 92466, 92700, 92787, 94107, 94440, 94633A, 94736, 94931, 95108, 95496, NOKLUS, YVSOLAB, ANAND, CSCQ, ORG_G, ORG_A, ORG, BIOG, INFO, CODEX, TVN, SEQC, TVNR, VAR, DEKS

Sample 183-1 was a single donor plasmaphoresis sample from a patient with necrotising glomerulonephritis (RPGN).

Sample 183-2 was a single donor sample from a patient with Granulomatosis with Polyangiitis (Wegener's) (GPA).

Sample	Method	Analyte	Target Response	Your Response	Score
183-1	IIF	ANCA	C.ANCA Negative / P.ANCA Positive	No Response	0
		GBM	Negative	No Response	0
	Immunoassay	ANCA	PR3 Negative / MPO Positive	PR3 Negative / MPO Positive	0
		GBM	Negative	Negative	0

Sample	Method	Analyte	Target Response	Your Response	Score	OMIS
183-2	IIF	ANCA	C.ANCA Positive / P.ANCA Negative	No Response	0	0
		GBM	Negative	No Response	0	0
	Immunoassay	ANCA	PR3 Positive / MPO Negative	PR3 Positive / MPO Negative	0	0
		GBM	Negative	Negative	0	0
					Total MIS	0

The current window of analysis comprises the previous six distributions.

Comments

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 183-1

Distribution : 183

June 2018

Participant 94317

SUMMARY OF RESPONSES

	C ANCA		P ANCA		ANCA (Screen Only)		ATypical	GBM	
	Pos	Neg	Pos	Neg	Pos	Neg	ANCA Pos	Pos	Neg
Indirect Immunofluorescence	30	309	301	38	8	0	15	0	55
A. Menarini - Zenit EIA	4	16	16	4	0	0	0	0	0
ACCUSAY	2	4	3	3	0	0	0	0	0
Alpha Dia	0	0	0	0	0	0	0	0	2
BioDiagnostics	1	0	0	1	0	0	1	0	1
Bio-Rad/Kallestad/Sanofi	0	9	8	1	0	0	1	0	0
Biosystems	1	4	3	2	0	0	0	0	2
Euroimmun	9	65	66	8	0	0	3	0	16
Immco	1	11	11	1	1	0	0	0	6
Immunoconcepts	0	8	6	2	1	0	2	0	0
In House	0	7	6	1	0	0	0	0	0
Inova	11	157	156	12	4	0	7	0	25
ORGenTec Alegria	0	0	0	0	2	0	0	0	0
Other ...	1	27	25	3	0	0	1	0	3
	PR3		MPO					GBM	
	Pos	Neg	Pos	Neg				Pos	Neg
Immunoassay	1	450	421	31				0	361
A. Menarini - Zenit EIA	0	1	0	1				0	2
A. Menarini - Zenit RA	0	18	18	0				0	10
AESKU	0	4	4	1				0	3
Aeskulisa PR3 Sensitive	0	1	0	0				0	0
Alpha Dia	0	5	4	1				0	4
Biodiagnostics Quickcard	0	0	0	0				0	5
Biosystems	0	1	1	0				0	1
Diasorin	0	1	1	0				0	0
D-tek	0	5	5	0				0	5
Eurodiagnostica Diastat	0	1	1	0				0	0
Eurodiagnostica Weislab	0	4	3	1				0	9
Eurodiagnostica Weislab Capture	0	9	9	0				0	0
Euroimmun	0	28	27	2				0	19
Euroimmun PR3-hn-hr	0	2	0	0				0	0
Genesis	0	1	0	1				0	0
Hycor Biomedical	0	1	1	0				0	0
In House	0	3	4	0				0	2
Inova	0	14	9	4				0	6
Inova QUANTA Flash	0	50	50	0				0	32
Luminex Tech. - Bio-Rad Bioplex 2200	0	36	36	0				0	32
Luminex Tech. - THERADIAG (BMD)	0	3	3	0				0	3
Not Stated	0	0	0	0				0	1
ORGenTec	0	13	17	1				0	9
ORGenTec Alegria	1	17	2	17				0	21
Orgentec PR3 hs	0	2	0	0				0	0
Other ...	0	8	7	1				0	7
Phadia 100 EliA	0	2	2	0				0	7
Phadia 100 EliA (MPOS)	0	0	2	0				0	0
Phadia 100 EliA (PR3S)	0	4	0	0				0	0
Phadia 1000/2500 EliA	0	10	10	0				0	10
Phadia 250 EliA	0	65	64	0				0	169
Phadia 250 EliA (MPOS)	0	0	139	1				0	0
Phadia 250 EliA (PR3S)	0	138	0	0				0	0
Trinity Biotech	0	1	1	0				0	0
Wieslab	0	1	0	0				0	4
ZEUS	0	1	1	0				0	0

ANCA and GBM - Sample 183-1

Distribution : 183

June 2018

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>

C ANCA	Returns	Positive	Negative	Mean	Range		
1/titre	336	30	306	38.73	0.00	-	200.00
A. Menarini - Zenit EIA	20	4	16	55.00	20.00	-	160.00
ACCUSAY	6	2	4	90.00	20.00	-	160.00
BioDiagnostics	1	1	0	0.00	0.00	-	0.00
Bio-Rad/Kallestad/Sanofi	9	0	9	26.67	20.00	-	40.00
Biosystems	5	1	4	160.00	160.00	-	160.00
Euroimmun	74	9	65	52.20	0.00	-	320.00
Immco	12	1	11	80.00	40.00	-	160.00
Immunoconcepts	8	0	8	20.00	20.00	-	20.00
In House	7	0	7	10.00	0.00	-	20.00
Inova	168	11	157	34.02	0.00	-	200.00
Other ...	26	1	25	20.00	20.00	-	20.00
OTHER UNITS	2	0	2				
Other ...	2	0	2	0.00	0.00	-	0.00
P ANCA							
1/titre	336	298	38	86.82	0.00	-	320.00
A. Menarini - Zenit EIA	20	16	4	76.36	20.00	-	160.00
ACCUSAY	6	3	3	90.00	20.00	-	160.00
BioDiagnostics	1	0	1	0.00	0.00	-	0.00
Bio-Rad/Kallestad/Sanofi	9	8	1	76.67	20.00	-	160.00
Biosystems	5	3	2	40.03	0.05	-	80.00
Euroimmun	74	66	8	79.64	0.00	-	320.00
Immco	12	11	1	83.33	20.00	-	160.00
Immunoconcepts	8	6	2	186.67	80.00	-	320.00
In House	7	6	1	113.33	20.00	-	160.00
Inova	168	156	12	90.53	0.00	-	320.00
Other ...	26	23	3	60.00	20.00	-	160.00
OTHER UNITS	2	2	0				
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 183-1

Distribution : 183

June 2018

Participant 94317

INDIRECT IMMUNOFLUORESCENCE

ANCA Screen

	Returns	Positive	Negative
	8	8	0
Immco	1	1	0
Immunoconcepts	1	1	0
Inova	4	4	0
ORGenTec Alegria	2	2	0

Atypical ANCA

	Returns
	15
BioDiagnostics	1
Bio-Rad/Kallestad/Sanofi	1
Euroimmun	3
Immunoconcepts	2
Inova	7
Other ...	1

GBM

	Returns	Positive	Negative	Mean	Range		
1/titre	52	0	52	7.14	0.00	-	10.00
Alpha Dia	2	0	2	0.00	0.00	-	0.00
BioDiagnostics	1	0	1	5.00	5.00	-	5.00
Biosystems	1	0	1	0.00	0.00	-	0.00
Euroimmun	16	0	16	6.00	0.00	-	10.00
Immco	6	0	6	10.00	10.00	-	10.00
Inova	25	0	25	7.50	5.00	-	10.00
Other ...	1	0	1	0.00	0.00	-	0.00
OTHER UNITS	3	0	3	8.00	8.00	-	8.00
Biosystems	1	0	1	0.00	0.00	-	0.00
Other ...	2	0	2	4.00	0.00	-	8.00

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

ANCA and GBM - Sample 183-1

Distribution : 183

June 2018

Participant 94317

IMMUNOASSAY

Your Results

<p>PR3: Negative PR3 Quantitation: 0.2 PR3 Unit: IU/mL or U/mL PR3 Manufacturer: Phadia 1000/2500 EliA</p> <p>MPO: Positive MPO Quantitation: 13 MPO Unit: IU/mL or U/mL MPO Manufacturer: Phadia 1000/2500 EliA</p>	<p>GBM: Negative GBM Quantitation: 0.8 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	
	231	1	230	0.87	0.00	- 3.60
A. Menarini - Zenit EIA	1	0	1	0.00	0.00	- 0.00
A. Menarini - Zenit RA	18	0	18	0.04	0.00	- 0.30
AESKU	4	0	4	1.82	0.83	- 2.21
Alpha Dia	1	0	1	0.00	0.00	- 0.00
Biosystems	1	0	1	0.80	0.80	- 0.80
Diasorin	1	0	1	1.00	1.00	- 1.00
Eurodiagnostica Diastat	1	0	1	0.00	0.00	- 0.00
Eurodiagnostica Weislab	4	0	4	0.93	0.39	- 1.40
Eurodiagnostica Weislab Capture	9	0	9	0.50	0.00	- 1.10
Euroimmun	21	0	21	0.94	0.00	- 2.00
Genesis	1	0	1	0.04	0.04	- 0.04
Hycor Biomedical	1	0	1	0.70	0.70	- 0.70
In House	3	0	3	2.00	2.00	- 2.00
Inova	14	0	14	1.99	0.60	- 2.92
Inova QUANTA Flash	32	0	32	1.69	0.00	- 3.50
Luminex Tech. - Bio-Rad Bioplex 2200	2	0	2	0.00	0.00	- 0.00
Luminex Tech. - THERADIAG (BMD)	3	0	3	1.00	1.00	- 1.00
ORGenTec	12	0	12	1.03	0.70	- 1.50
ORGenTec Alegria	18	1	17	1.43	1.00	- 2.00
Other ...	4	0	4	2.75	0.00	- 4.50
Phadia 100 EliA	2	0	2	0.65	0.30	- 1.00
Phadia 1000/2500 EliA	10	0	10	0.42	0.10	- 0.70
Phadia 250 EliA	65	0	65	0.28	0.00	- 0.70
Trinity Biotech	1	0	1	0.19	0.19	- 0.19
Wieslab	1	0	1	0.63	0.63	- 0.63
ZEUS	1	0	1	8.00	8.00	- 8.00
OTHER UNITS	220	0	220	4.15	0.00	- 40.00
Aeskulisa PR3 Sensitive	1	0	1	7.70	7.70	- 7.70
Alpha Dia	4	0	4	0.83	0.00	- 5.00
D-tek	5	0	5	1.67	0.00	- 5.00
Euroimmun	7	0	7	0.28	0.00	- 1.00
Euroimmun PR3-hn-hr	2	0	2	21.00	2.00	- 40.00
Inova QUANTA Flash	18	0	18	2.01	1.40	- 2.50
Luminex Tech. - Bio-Rad Bioplex 2200	34	0	34	0.20	0.20	- 0.20
ORGenTec	1	0	1	0.00	0.00	- 0.00
Orgentec PR3 hs	2	0	2	0.00	0.00	- 0.00
Other ...	4	0	4	28.34	0.00	- 111.77
Phadia 100 EliA (PR3S)	4	0	4	0.35	0.10	- 0.80
Phadia 250 EliA (PR3S)	138	0	138	0.26	0.00	- 0.70

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

ANCA and GBM - Sample 183-1

Distribution : 183	June 2018	Participant 94317
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IMMUNOASSAY

MPO	Returns	Positive	Negative	Mean	Range		
IU/mL or U/mL	236	208	28	25.64	0.60	-	103.80
A. Menarini - Zenit EIA	1	0	1	4.00	4.00	-	4.00
A. Menarini - Zenit RA	18	18	0	55.71	44.60	-	67.50
AESKU	5	4	1	19.92	11.20	-	27.00
Alpha Dia	1	1	0	12.00	12.00	-	12.00
Biosystems	1	1	0	8.20	8.20	-	8.20
Diasorin	1	1	0	20.00	20.00	-	20.00
Eurodiagnostica Diastat	1	1	0	12.90	12.90	-	12.90
Eurodiagnostica Weislab	4	3	1	11.00	1.10	-	15.00
Eurodiagnostica Weislab Capture	9	9	0	13.13	11.70	-	14.40
Euroimmun	21	19	2	25.14	18.00	-	37.00
Genesis	1	0	1	0.60	0.60	-	0.60
Hycor Biomedical	1	1	0	6.20	6.20	-	6.20
In House	4	4	0	50.70	12.80	-	132.00
Inova	13	9	4	14.88	6.00	-	25.30
Inova QUANTA Flash	32	32	0	59.75	15.00	-	103.80
Luminex Tech. - Bio-Rad Bioplex 2200	2	2	0	6.05	5.70	-	6.40
Luminex Tech. - THERADIAG (BMD)	3	3	0	50.67	43.00	-	62.00
ORGenTec	17	16	1	8.87	6.18	-	11.00
ORGenTec Alegria	19	2	17	3.32	1.00	-	5.00
Other ...	4	4	0	21.67	18.20	-	27.00
Phadia 100 EliA	2	2	0	17.65	17.00	-	18.30
Phadia 1000/2500 EliA	10	10	0	18.42	13.00	-	22.00
Phadia 250 EliA	64	64	0	18.48	14.00	-	25.00
Trinity Biotech	1	1	0	3.11	3.11	-	3.11
ZEUS	1	1	0	626.00	626.00	-	626.00
OTHER UNITS	216	213	3	39.21	0.00	-	108.00
Alpha Dia	4	3	1	14.00	0.00	-	24.00
D-tek	5	5	0	19.00	1.00	-	36.00
Euroimmun	8	8	0	38.81	1.43	-	100.00
Inova QUANTA Flash	18	18	0	80.83	68.40	-	108.00
Luminex Tech. - Bio-Rad Bioplex 2200	34	34	0	6.33	5.80	-	6.90
ORGenTec	1	1	0	1.00	1.00	-	1.00
Other ...	4	3	1	77.46	1.00	-	289.83
Phadia 100 EliA (MPOS)	2	2	0	18.50	16.00	-	21.00
Phadia 250 EliA (MPOS)	140	139	1	17.97	13.00	-	23.00

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

ANCA and GBM - Sample 183-1

Distribution : 183

June 2018

Participant 94317

IMMUNOASSAY

GBM	Returns	Positive	Negative	Mean	Range		
IU/mL or U/mL	287	0	287	1.47	0.00	-	4.10
A. Menarini - Zenit EIA	2	0	2	0.00	0.00	-	0.00
A. Menarini - Zenit RA	10	0	10	0.01	0.00	-	0.10
AESKU	3	0	3	1.04	0.31	-	1.82
Biosystems	1	0	1	0.40	0.40	-	0.40
Eurodiagnostica Weislab	9	0	9	2.67	0.00	-	7.00
Euroimmun	8	0	8	1.17	0.00	-	2.00
In House	2	0	2	0.00	0.00	-	0.00
Inova	6	0	6	1.93	1.00	-	4.00
Inova QUANTA Flash	20	0	20	2.15	0.60	-	3.60
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	8	0	8	3.78	1.50	-	6.00
ORGenTec Alegria	21	0	21	3.24	1.00	-	6.10
Other ...	4	0	4	1.73	0.00	-	3.00
Phadia 100 EliA	7	0	7	1.09	0.00	-	2.00
Phadia 1000/2500 EliA	10	0	10	1.50	0.10	-	2.10
Phadia 250 EliA	169	0	169	1.30	0.00	-	2.70
Wieslab	2	0	2	1.70	1.70	-	1.70
OTHER UNITS	74	0	74	0.69	0.00	-	2.90
Alpha Dia	4	0	4	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	11	0	11	0.59	0.00	-	1.00
Inova QUANTA Flash	12	0	12	2.33	0.60	-	2.90
Luminex Tech. - Bio-Rad Bioplex 2200	30	0	30	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 ...	3	0	3	24.00	0.00	-	71.99
Wieslab	2	0	2	0.58	0.16	-	1.00

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

ANCA and GBM - Sample 183-2

Distribution : 183

June 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	340	4	4	340	8	0	0	0	55
A. Menarini - Zenit EIA	20	1	1	20	0	0	0	0	0
ACCUSAY	6	0	0	6	0	0	0	0	0
Alpha Dia	0	0	0	0	0	0	0	0	2
BioDiagnostics	1	0	0	1	0	0	0	0	1
Bio-Rad/Kallestad/Sanofi	9	0	0	9	0	0	0	0	0
Biosystems	5	0	0	5	0	0	0	0	2
Euroimmun	74	0	0	74	0	0	0	0	16
Immco	11	1	1	11	1	0	0	0	6
Immunoconcepts	8	0	0	8	1	0	0	0	0
In House	7	0	0	7	0	0	0	0	0
Inova	169	2	2	169	4	0	0	0	25
ORGenTec Alegria	0	0	0	0	2	0	0	0	0
Other ...	29	0	0	29	0	0	0	0	3

	PR3		MPO		GBM	
	Pos	Neg	Pos	Neg	Pos	Neg
Immunoassay	446	5	3	449	0	360
A. Menarini - Zenit EIA	1	0	0	1	0	2
A. Menarini - Zenit RA	18	0	0	18	0	10
AESKU	4	0	0	5	0	3
Aeskulisa PR3 Sensitive	1	0	0	0	0	0
Alpha Dia	5	0	0	5	0	4
Biodiagnostics Quickcard	0	0	0	0	0	5
Biosystems	1	0	0	1	0	1
Diasorin	1	0	0	1	0	0
D-tek	5	0	0	5	0	5
Eurodiagnostica Diastat	1	0	0	1	0	0
Eurodiagnostica Weislab	4	0	0	4	0	9
Eurodiagnostica Weislab Capture	9	0	0	9	0	0
Euroimmun	28	0	0	29	0	19
Euroimmun PR3-hn-hr	2	0	0	0	0	0
Genesis	0	1	0	1	0	0
Hycor Biomedical	1	0	0	1	0	0
In House	3	0	0	4	0	2
Inova	14	0	0	13	0	6
Inova QUANTA Flash	49	1	1	49	0	32
Luminex Tech. - Bio-Rad Bioplex 2200	36	0	0	36	0	32
Luminex Tech. - THERADIAG (BMD)	3	0	0	3	0	3
Not Stated	0	0	0	0	0	1
ORGenTec	13	0	0	18	0	9
ORGenTec Alegria	17	1	0	19	0	21
Orgentec PR3 hs	2	0	0	0	0	0
Other ...	8	0	0	8	0	7
Phadia 100 EliA	2	0	0	2	0	7
Phadia 100 EliA (MPOS)	0	0	0	2	0	0
Phadia 100 EliA (PR3S)	4	0	0	0	0	0
Phadia 1000/2500 EliA	10	0	0	10	0	10
Phadia 250 EliA	64	1	1	63	0	168
Phadia 250 EliA (MPOS)	0	0	1	139	0	0
Phadia 250 EliA (PR3S)	137	1	0	0	0	0
Trinity Biotech	1	0	0	1	0	0
Wieslab	1	0	0	0	0	4
ZEUS	1	0	0	1	0	0

ANCA and GBM - Sample 183-2

Distribution : 183

June 2018

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	341	337	4	193.94	0.00	-	640.00
A. Menarini - Zenit EIA	21	20	1	133.33	20.00	-	320.00
ACCUSAY	6	6	0	86.67	20.00	-	160.00
BioDiagnostics	1	1	0	0.00	0.00	-	0.00
Bio-Rad/Kallestad/Sanofi	9	9	0	150.00	20.00	-	320.00
Biosystems	5	5	0	240.00	0.00	-	640.00
Euroimmun	74	74	0	183.09	1.00	-	320.00
Immco	12	11	1	140.00	40.00	-	320.00
Immunoconcepts	8	8	0	426.67	320.00	-	640.00
In House	7	7	0	1,600.00	320.00	-	5,120.00
Inova	171	169	2	193.87	0.00	-	640.00
Other ...	27	27	0	126.78	2.00	-	320.00
OTHER UNITS	2	2	0				
Other ...	2	2	0	0.00	0.00	-	0.00
P ANCA							
1/titre	341	4	337	16.74	0.00	-	40.00
A. Menarini - Zenit EIA	21	1	20	16.00	0.00	-	20.00
ACCUSAY	6	0	6	20.00	20.00	-	20.00
BioDiagnostics	1	0	1	0.00	0.00	-	0.00
Bio-Rad/Kallestad/Sanofi	9	0	9	26.67	20.00	-	40.00
Biosystems	5	0	5	0.00	0.00	-	0.00
Euroimmun	74	0	74	11.75	0.00	-	40.00
Immco	12	1	11	40.00	40.00	-	40.00
Immunoconcepts	8	0	8	20.00	20.00	-	20.00
In House	7	0	7	10.00	0.00	-	20.00
Inova	171	2	169	16.69	0.00	-	40.00
Other ...	27	0	27	20.00	20.00	-	20.00
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 183-2

Distribution : 183

June 2018

Participant 94317

INDIRECT IMMUNOFLUORESCENCE

ANCA Screen

	Returns	Positive	Negative
	8	8	0
Immco	1	1	0
Immunoconcepts	1	1	0
Inova	4	4	0
ORGenTec Alegria	2	2	0

Atypical ANCA

Returns
0

GBM

	Returns	Positive	Negative	Mean	Range		
1/titre	52	0	52	6.80	0.00	-	10.00
Alpha Dia	2	0	2	2.00	2.00	-	2.00
BioDiagnostics	1	0	1	5.00	5.00	-	5.00
Biosystems	1	0	1	0.00	0.00	-	0.00
Euroimmun	16	0	16	6.00	0.00	-	10.00
Immco	6	0	6	10.00	10.00	-	10.00
Inova	25	0	25	7.50	5.00	-	10.00
Other ...	1	0	1	0.00	0.00	-	0.00
OTHER UNITS	3	0	3	10.00	10.00	-	10.00
Biosystems	1	0	1	0.00	0.00	-	0.00
Other ...	2	0	2	5.00	0.00	-	10.00

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

ANCA and GBM - Sample 183-2

Distribution : 183

June 2018

Participant 94317

IMMUNOASSAY

Your Results

<p>PR3: Positive PR3 Quantitation: 14 PR3 Unit: IU/mL or U/mL PR3 Manufacturer: Phadia 1000/2500 EliA</p> <p>MPO: Negative MPO Quantitation: 0.2 MPO Unit: IU/mL or U/mL MPO Manufacturer: Phadia 1000/2500 EliA</p>	<p>GBM: Negative GBM Quantitation: 0.8 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		
	231	228	3	111.01	0.13	-	478.00
A. Menarini - Zenit EIA	1	1	0	465.00	465.00	-	465.00
A. Menarini - Zenit RA	18	18	0	500.00	188.60	-	659.80
AESKU	4	4	0	222.03	176.00	-	251.10
Alpha Dia	1	1	0	63.00	63.00	-	63.00
Biosystems	1	1	0	21.20	21.20	-	21.20
Diasorin	1	1	0	36.00	36.00	-	36.00
Eurodiagnostica Diastat	1	1	0	22.40	22.40	-	22.40
Eurodiagnostica Weislab	4	4	0	136.67	40.00	-	200.00
Eurodiagnostica Weislab Capture	9	9	0	151.68	15.50	-	229.00
Euroimmun	21	21	0	160.33	34.00	-	276.00
Genesis	1	0	1	0.13	0.13	-	0.13
Hycor Biomedical	1	1	0	21.30	21.30	-	21.30
In House	3	3	0	23.50	15.00	-	32.00
Inova	14	14	0	79.57	36.00	-	133.20
Inova QUANTA Flash	32	32	0	236.59	76.70	-	397.90
Luminex Tech. - Bio-Rad Bioplex 2200	2	2	0	0.00	0.00	-	0.00
Luminex Tech. - THERADIAG (BMD)	3	3	0	337.00	256.00	-	430.00
ORGenTec	12	12	0	38.36	0.98	-	108.00
ORGenTec Alegria	18	17	1	113.19	2.00	-	277.00
Other ...	4	4	0	81.73	3.40	-	176.00
Phadia 100 EliA	2	2	0	50.05	38.00	-	62.10
Phadia 1000/2500 EliA	10	10	0	33.93	28.00	-	40.00
Phadia 250 EliA	65	64	1	34.41	25.00	-	47.00
Trinity Biotech	1	1	0	4.80	4.80	-	4.80
Wieslab	1	1	0	200.00	200.00	-	200.00
ZEUS	1	1	0	1,273.00	1,273.00	-	1,273.00
OTHER UNITS	220	218	2	117.46	1.00	-	439.00
Aeskulisa PR3 Sensitive	1	1	0	70.00	70.00	-	70.00
Alpha Dia	4	4	0	47.50	39.00	-	66.00
D-tek	5	5	0	58.50	1.00	-	96.00
Euroimmun	7	7	0	45.86	3.00	-	136.00
Euroimmun PR3-hn-hr	2	2	0	167.00	167.00	-	167.00
Inova QUANTA Flash	18	17	1	335.23	93.10	-	439.00
Luminex Tech. - Bio-Rad Bioplex 2200	34	34	0	8.73	7.40	-	10.60
ORGenTec	1	1	0	4.00	4.00	-	4.00
Orgentec PR3 hs	2	2	0	109.00	109.00	-	109.00
Other ...	4	4	0	156.88	1.00	-	519.33
Phadia 100 EliA (PR3S)	4	4	0	39.25	26.00	-	68.00
Phadia 250 EliA (PR3S)	138	137	1	34.08	24.00	-	45.00

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

ANCA and GBM - Sample 183-2

Distribution : 183

June 2018

Participant 94317

IMMUNOASSAY

MPO	Returns	Positive	Negative	Mean	Range		
IU/mL or U/mL	236	1	235	0.91	0.00	-	5.00
A. Menarini - Zenit EIA	1	0	1	0.80	0.80	-	0.80
A. Menarini - Zenit RA	18	0	18	0.42	0.00	-	1.60
AESKU	5	0	5	1.77	1.38	-	2.60
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	0.00	0.00	-	0.00
Eurodiagnostica Weislab	4	0	4	0.67	0.00	-	1.10
Eurodiagnostica Weislab Capture	9	0	9	0.57	0.00	-	1.00
Euroimmun	21	0	21	1.61	0.00	-	3.00
Genesis	1	0	1	0.40	0.40	-	0.40
Hycor Biomedical	1	0	1	0.60	0.60	-	0.60
In House	4	0	4	2.71	0.41	-	5.00
Inova	13	0	13	1.40	0.50	-	2.20
Inova QUANTA Flash	32	0	32	2.13	0.00	-	3.40
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	17	0	17	0.93	0.00	-	1.50
ORGenTec Alegria	19	0	19	1.06	0.80	-	1.30
Other ...	4	0	4	1.90	0.00	-	3.00
Phadia 100 EliA	2	0	2	0.10	0.00	-	0.20
Phadia 1000/2500 EliA	10	0	10	0.30	0.20	-	0.40
Phadia 250 EliA	64	1	63	0.29	0.00	-	1.00
Trinity Biotech	1	0	1	0.51	0.51	-	0.51
ZEUS	1	0	1	7.00	7.00	-	7.00
OTHER UNITS	216	2	214	0.79	0.00	-	3.20
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	0.98	0.00	-	2.00
Inova QUANTA Flash	18	1	17	2.03	0.70	-	3.20
Luminex Tech. - Bio-Rad Bioplex 2200	34	0	34	0.20	0.20	-	0.20
ORGenTec	1	0	1	0.00	0.00	-	0.00
Other ...	4	0	4	61.49	0.00	-	244.17
Phadia 100 EliA (MPOS)	2	0	2	0.30	0.30	-	0.30
Phadia 250 EliA (MPOS)	140	1	139	0.27	0.00	-	1.00

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

ANCA and GBM - Sample 183-2

Distribution : 183

June 2018

Participant 94317

IMMUNOASSAY

GBM	Returns	Positive	Negative	Mean	Range		
IU/mL or U/mL	286	0	286	1.28	0.00	-	4.50
A. Menarini - Zenit EIA	2	0	2	0.00	0.00	-	0.00
A. Menarini - Zenit RA	10	0	10	0.01	0.00	-	0.10
AESKU	3	0	3	0.80	0.66	-	1.00
Biosystems	1	0	1	0.60	0.60	-	0.60
Eurodiagnostica Weislab	9	0	9	2.40	0.00	-	7.00
Euroimmun	8	0	8	1.57	0.00	-	5.00
In House	2	0	2	0.00	0.00	-	0.00
Inova	6	0	6	1.61	1.00	-	2.00
Inova QUANTA Flash	20	0	20	2.15	0.80	-	3.00
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	8	0	8	3.66	2.00	-	6.00
ORGenTec Alegria	21	0	21	3.61	1.60	-	8.00
Other ...	4	0	4	1.70	0.00	-	3.00
Phadia 100 EliA	7	0	7	0.69	0.00	-	1.80
Phadia 1000/2500 EliA	10	0	10	1.30	0.10	-	2.00
Phadia 250 EliA	168	0	168	1.02	0.00	-	2.10
Wieslab	2	0	2	2.20	2.20	-	2.20
OTHER UNITS	74	0	74	0.85	0.00	-	3.00
Alpha Dia	4	0	4	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	11	0	11	1.00	0.00	-	3.00
Inova QUANTA Flash	12	0	12	2.41	0.80	-	2.90
Luminex Tech. - Bio-Rad Bioplex 2200	30	0	30	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 ...	3	0	3	37.58	0.00	-	112.35
Wieslab	2	0	2	0.58	0.16	-	1.00

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