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### UK NEQAS for Autoimmune Serology ANCA and GBM

Distribution : 186	November 2018	Participant : 94317
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485 out of 538 participants returned data for this distribution. 90 % response rate.

#### Nil Responses

1808A, 10668, 11690, 13923, 14575, 14607, 14638, 14640, 14880, 90177, 90413, 90559, 90604, 90610A, 90621, 90856, 91395, 91666, 91903, 92447, 92700, 92761, 92786, 92787, 92820, 92824, 92847, 94318, 94633A, 94647, 94931, 94947, 95042, 95108, 95115, 95298, 95496, 95551, NOKLUS, YVSOLAB, CSCQ, ORG\_G, ORG\_A, ANAND, ORG, BIOG, INFO, CODEX, TVN, SEQC, TVNR, VAR, DEKS

**Sample 186-1** was a single donor sample from a patient with Goodpasture's syndrome.

**Sample 186-2** was a single donor plasmaphoresis sample from a patient with both P ANCA and GBM antibodies.

Sample	Method	Analyte	Target Response	Your Response	Score
186-1	IIF	ANCA	C.ANCA Negative / P.ANCA Negative	No Response	0
		GBM	Positive	No Response	0
	Immunoassay	ANCA	PR3 Negative / MPO Negative	PR3 Negative / MPO Negative	0
		GBM	Positive	Positive	0

Sample	Method	Analyte	Target Response	Your Response	Score	OMIS
186-2	IIF	ANCA	C.ANCA Negative / P.ANCA Positive	No Response	0	0
		GBM	Equivocal	No Response	0	0
	Immunoassay	ANCA	PR3 Negative / MPO Positive	PR3 Negative / MPO Positive	0	0
		GBM	Positive	Positive	0	0
					<b>Total MIS</b>	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 186-1

**Distribution :** 186

**November 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
<b>Indirect Immunofluorescence</b>	<b>5</b>	<b>341</b>	<b>4</b>	<b>342</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>52</b>	<b>1</b>
A. Menarini - Zenit EIA	0	21	0	21	0	0	0	0	0
ACCUSAY	0	6	1	5	0	0	0	0	0
Alpha Dia	0	0	0	0	0	0	0	2	0
BioDiagnostics	0	4	0	4	0	0	0	1	0
Bio-Rad/Kallestad/Sanofi	0	9	0	9	0	0	0	0	0
Biosystems	0	5	0	5	0	0	0	2	0
Euroimmun	2	74	3	73	0	0	0	12	1
Immunoconcepts	0	6	0	6	0	1	0	0	0
In House	0	7	0	7	0	0	0	0	0
Inova	3	172	0	175	0	5	0	28	0
ORGenTec	0	0	0	0	0	1	0	0	0
ORGenTec Alegria	0	0	0	0	0	3	0	0	0
Other ...	0	28	0	28	0	0	0	1	0
Trinity Biotech (Immco)	0	9	0	9	0	0	0	6	0

	PR3		MPO		GBM	
	Pos	Neg	Pos	Neg	Pos	Neg
<b>Immunoassay</b>	<b>2</b>	<b>448</b>	<b>3</b>	<b>448</b>	<b>360</b>	<b>5</b>
A. Menarini - Zenit EIA	0	1	0	1	1	0
A. Menarini - Zenit RA	0	17	0	17	8	0
AESKU	0	6	0	6	4	0
Aeskulisa PR3 Sensitive	0	1	0	0	0	0
Alpha Dia	0	5	0	5	4	1
Biodiagnostics Quickcard	0	0	0	0	3	0
Biosystems	0	1	0	1	1	0
Diasorin	0	1	0	1	0	0
D-tek	0	6	0	6	4	1
Eurodiagnostica Diastat	0	1	0	1	0	0
Eurodiagnostica Weislab	0	3	0	3	10	0
Eurodiagnostica Weislab Capture	0	10	0	9	0	0
Euroimmun	0	26	0	28	19	0
Euroimmun PR3-hn-hr	0	2	0	0	0	0
Genesis	0	1	0	1	0	0
Hycor Biomedical	0	1	0	1	0	0
In House	0	2	0	4	1	1
Inova	0	15	0	14	6	0
Inova QUANTA Flash	2	46	1	47	32	1
Luminex Tech. - Bio-Rad Bioplex 2200	0	36	0	36	33	0
Luminex Tech. - THERADIAG (BMD)	0	2	0	2	2	0
Not Stated	0	0	0	0	1	0
ORGenTec	0	15	0	20	11	0
ORGenTec Alegria	0	14	0	15	18	0
Orgentec PR3 hs	0	2	0	0	0	0
Other ...	0	8	0	8	7	0
Phadia 100 EliA	0	2	0	2	7	0
Phadia 100 EliA (MPOS)	0	0	0	2	0	0
Phadia 100 EliA (PR3S)	0	4	0	0	0	0
Phadia 1000/2500 EliA	0	9	0	9	9	0
Phadia 250 EliA	0	69	1	67	175	1
Phadia 250 EliA (MPOS)	0	0	1	142	0	0
Phadia 250 EliA (PR3S)	0	141	0	0	0	0
Wieslab	0	1	0	0	4	0

# ANCA and GBM - Sample 186-1

Distribution : 186

November 2018

Participant 94317

## INDIRECT IMMUNOFLUORESCENCE

### Your Results

<p><b>C ANCA:</b> No Response  <b>C ANCA Quantitation:</b>  <b>C ANCA Unit:</b>  <b>C ANCA Manufacturer:</b></p> <p><b>P ANCA:</b> No Response  <b>P ANCA Quantitation:</b>  <b>P ANCA Unit:</b>  <b>P ANCA Manufacturer:</b></p>	<p><b>ANCA Screen:</b> No Response  <b>ANCA Screen Manufacturer:</b>  <b>Atypical ANCA:</b> No Response  <b>Atypical ANCA Manufacturer:</b></p> <p><b>GBM:</b> No Response  <b>GBM Quantitation:</b>  <b>GBM Unit:</b>  <b>GBM Manufacturer:</b></p>
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C ANCA	Returns	Positive	Negative	Mean	Range		
<b>1/titre</b>	<b>345</b>	<b>5</b>	<b>340</b>	<b>19.23</b>	<b>0.00</b>	-	<b>50.00</b>
A. Menarini - Zenit EIA	21	0	21	28.00	20.00	-	40.00
ACCUSAY	6	0	6	0.00	0.00	-	0.00
BioDiagnostics	4	0	4	10.00	10.00	-	10.00
Bio-Rad/Kallestad/Sanofi	9	0	9	26.67	20.00	-	40.00
Biosystems	5	0	5	0.00	0.00	-	0.00
Euroimmun	76	2	74	15.00	0.00	-	50.00
Immunoconcepts	6	0	6	20.00	20.00	-	20.00
In House	7	0	7	10.00	0.00	-	20.00
Inova	175	3	172	19.23	0.00	-	40.00
Other ...	27	0	27	20.00	20.00	-	20.00
Trinity Biotech (Immco)	9	0	9	40.00	40.00	-	40.00
<b>OTHER UNITS</b>	<b>1</b>	<b>0</b>	<b>1</b>				
Other ...	1	0	1	0.00	0.00	-	0.00
<b>P ANCA</b>							
<b>1/titre</b>	<b>345</b>	<b>4</b>	<b>341</b>	<b>18.51</b>	<b>0.00</b>	-	<b>40.00</b>
A. Menarini - Zenit EIA	21	0	21	28.00	20.00	-	40.00
ACCUSAY	6	1	5	0.00	0.00	-	0.00
BioDiagnostics	4	0	4	10.00	10.00	-	10.00
Bio-Rad/Kallestad/Sanofi	9	0	9	26.67	20.00	-	40.00
Biosystems	5	0	5	0.00	0.00	-	0.00
Euroimmun	76	3	73	12.62	0.00	-	40.00
Immunoconcepts	6	0	6	20.00	20.00	-	20.00
In House	7	0	7	10.00	0.00	-	20.00
Inova	175	0	175	18.97	0.00	-	40.00
Other ...	27	0	27	20.00	20.00	-	20.00
Trinity Biotech (Immco)	9	0	9	40.00	40.00	-	40.00
<b>OTHER UNITS</b>	<b>1</b>	<b>0</b>	<b>1</b>				
Other ...	1	0	1	0.00	0.00	-	0.00

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

# ANCA and GBM - Sample 186-1

Distribution : 186	November 2018	Participant 94317
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## INDIRECT IMMUNOFLUORESCENCE

### ANCA Screen

	Returns	Positive	Negative
	<b>10</b>	<b>0</b>	<b>10</b>
Immunoconcepts	1	0	1
Inova	5	0	5
ORGenTec	1	0	1
ORGenTec Alegria	3	0	3

### Atypical ANCA

**Returns**  
0

### GBM

	Returns	Positive	Negative	Mean	Range
<b>1/titre</b>	<b>50</b>	<b>49</b>	<b>1</b>	<b>135.91</b>	<b>1.00 - 640.00</b>
Alpha Dia	2	2	0	40.00	40.00 - 40.00
BioDiagnostics	1	1	0	40.00	40.00 - 40.00
Biosystems	1	1	0	0.00	0.00 - 0.00
Euroimmun	13	12	1	100.14	1.00 - 250.00
Inova	27	27	0	181.47	5.00 - 640.00
Trinity Biotech (Immco)	6	6	0	30.00	10.00 - 80.00
<b>OTHER UNITS</b>	<b>3</b>	<b>3</b>	<b>0</b>		
Biosystems	1	1	0	0.00	0.00 - 0.00
Inova	1	1	0	0.00	0.00 - 0.00
Other ...	1	1	0	0.00	0.00 - 0.00

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

# ANCA and GBM - Sample 186-1

**Distribution :** 186

**November 2018**

**Participant 94317**

## IMMUNOASSAY

### Your Results

<p><b>PR3:</b> Negative  <b>PR3 Quantitation:</b> 0.3  <b>PR3 Unit:</b> IU/mL or U/mL  <b>PR3 Manufacturer:</b> Phadia 1000/2500 EliA</p> <p><b>MPO:</b> Negative  <b>MPO Quantitation:</b> 0.3  <b>MPO Unit:</b> IU/mL or U/mL  <b>MPO Manufacturer:</b> Phadia 1000/2500 EliA</p>	<p><b>GBM:</b> Positive  <b>GBM Quantitation:</b> 64  <b>GBM Unit:</b> IU/mL or U/mL  <b>GBM Manufacturer:</b> Phadia 1000/2500 EliA</p>
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PR3 IU/mL or U/mL	Returns	Positive	Negative	Mean	Range	
	<b>229</b>	<b>2</b>	<b>227</b>	<b>0.71</b>	<b>0.00</b>	<b>- 3.30</b>
A. Menarini - Zenit EIA	1	0	1	0.00	0.00	- 0.00
A. Menarini - Zenit RA	17	0	17	0.01	0.00	- 0.10
AESKU	6	0	6	0.68	0.24	- 1.00
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	0.41	0.41	- 0.41
Eurodiagnostica Weislab	3	0	3	0.50	0.00	- 1.00
Eurodiagnostica Weislab Capture	10	0	10	0.49	0.00	- 1.30
Euroimmun	20	0	20	0.94	0.00	- 2.00
Genesis	1	0	1	0.01	0.01	- 0.01
Hycor Biomedical	1	0	1	0.10	0.10	- 0.10
In House	2	0	2	3.00	3.00	- 3.00
Inova	14	0	14	1.68	0.50	- 3.30
Inova QUANTA Flash	32	2	30	1.45	0.00	- 3.10
Luminex Tech. - Bio-Rad Bioplex 2200	3	0	3	0.00	0.00	- 0.00
Luminex Tech. - THERADIAG (BMD)	2	0	2	0.50	0.00	- 1.00
ORGenTec	14	0	14	0.76	0.04	- 1.20
ORGenTec Alegria	14	0	14	0.92	0.20	- 1.40
Other ...	4	0	4	1.75	0.00	- 3.00
Phadia 100 EliA	2	0	2	0.10	0.00	- 0.20
Phadia 1000/2500 EliA	9	0	9	0.44	0.20	- 0.70
Phadia 250 EliA	69	0	69	0.15	0.00	- 0.50
Wieslab	1	0	1	1.22	1.22	- 1.22
<b>OTHER UNITS</b>	<b>221</b>	<b>0</b>	<b>221</b>	<b>0.87</b>	<b>0.00</b>	<b>- 4.00</b>
Aeskulisa PR3 Sensitive	1	0	1	4.00	4.00	- 4.00
Alpha Dia	4	0	4	0.02	0.00	- 0.10
D-tek	6	0	6	0.00	0.00	- 0.00
Euroimmun	6	0	6	0.40	0.00	- 2.00
Euroimmun PR3-hn-hr	2	0	2	2.00	2.00	- 2.00
Inova	1	0	1	1.50	1.50	- 1.50
Inova QUANTA Flash	16	0	16	1.94	0.00	- 2.30
Luminex Tech. - Bio-Rad Bioplex 2200	33	0	33	0.20	0.20	- 0.20
ORGenTec	1	0	1	0.00	0.00	- 0.00
Orgentec PR3 hs	2	0	2	0.65	0.00	- 1.30
Other ...	4	0	4	21.27	0.00	- 83.60
Phadia 100 EliA (PR3S)	4	0	4	0.23	0.10	- 0.30
Phadia 250 EliA (PR3S)	141	0	141	0.13	0.00	- 0.50

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

# ANCA and GBM - Sample 186-1

**Distribution : 186**

**November 2018**

**Participant 94317**

## IMMUNOASSAY

<b>MPO</b>	<b>Returns</b>	<b>Positive</b>	<b>Negative</b>	<b>Mean</b>	<b>Range</b>		
<b>IU/mL or U/mL</b>	<b>234</b>	<b>2</b>	<b>232</b>	<b>0.88</b>	<b>0.00</b>	-	<b>9.50</b>
A. Menarini - Zenit EIA	1	0	1	0.50	0.50	-	0.50
A. Menarini - Zenit RA	17	0	17	0.17	0.00	-	0.80
AESKU	6	0	6	1.38	0.60	-	2.04
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	0.70	0.70	-	0.70
Eurodiagnostica Weislab	3	0	3	0.22	0.00	-	0.67
Eurodiagnostica Weislab Capture	9	0	9	0.34	0.00	-	0.70
Euroimmun	21	0	21	1.08	0.00	-	2.00
Genesis	1	0	1	0.03	0.03	-	0.03
Hycor Biomedical	1	0	1	0.10	0.10	-	0.10
In House	4	0	4	1.33	0.00	-	3.00
Inova	13	0	13	1.34	0.60	-	2.50
Inova QUANTA Flash	32	1	31	1.91	0.00	-	3.20
Luminex Tech. - Bio-Rad Bioplex 2200	3	0	3	0.00	0.00	-	0.00
Luminex Tech. - THERADIAG (BMD)	2	0	2	0.00	0.00	-	0.00
ORGenTec	19	0	19	0.78	0.00	-	2.00
ORGenTec Alegria	15	0	15	1.26	0.70	-	1.60
Other ...	4	0	4	2.00	0.00	-	3.00
Phadia 100 EliA	2	0	2	0.10	0.00	-	0.20
Phadia 1000/2500 EliA	9	0	9	0.27	0.20	-	0.30
Phadia 250 EliA	68	1	67	0.17	0.00	-	1.00
<b>OTHER UNITS</b>	<b>217</b>	<b>1</b>	<b>216</b>	<b>0.62</b>	<b>0.00</b>	-	<b>3.20</b>
Alpha Dia	4	0	4	0.02	0.00	-	0.10
D-tek	6	0	6	0.00	0.00	-	0.00
Euroimmun	7	0	7	1.20	0.00	-	2.00
Inova	1	0	1	3.10	3.10	-	3.10
Inova QUANTA Flash	16	0	16	2.61	0.00	-	3.20
Luminex Tech. - Bio-Rad Bioplex 2200	33	0	33	0.20	0.20	-	0.20
ORGenTec	1	0	1	0.00	0.00	-	0.00
Other ...	4	0	4	32.33	0.00	-	127.30
Phadia 100 EliA (MPOS)	2	0	2	0.20	0.20	-	0.20
Phadia 250 EliA (MPOS)	143	1	142	0.11	0.00	-	0.30

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

# ANCA and GBM - Sample 186-1

**Distribution :** 186

**November 2018**

**Participant 94317**

## IMMUNOASSAY

<b>GBM</b>	<b>Returns</b>	<b>Positive</b>	<b>Negative</b>	<b>Mean</b>	<b>Range</b>	
<b>IU/mL or U/mL</b>	<b>289</b>	<b>286</b>	<b>3</b>	<b>179.63</b>	<b>6.20</b>	<b>- 578.40</b>
A. Menarini - Zenit EIA	1	1	0	142.20	142.20	- 142.20
A. Menarini - Zenit RA	8	8	0	692.36	377.80	- 953.00
AESKU	4	4	0	125.85	88.70	- 163.00
Biosystems	1	1	0	42.60	42.60	- 42.60
Eurodiagnostica Weislab	10	10	0	57.44	12.70	- 83.00
Euroimmun	8	8	0	80.00	59.00	- 94.00
In House	2	1	1	100.00	100.00	- 100.00
Inova	6	6	0	135.27	115.80	- 182.00
Inova QUANTA Flash	18	17	1	742.47	565.10	- 993.60
Luminex Tech. - Bio-Rad Bioplex 2200	3	3	0	12.10	6.20	- 18.00
Luminex Tech. - THERADIAG (BMD)	2	2	0	159.50	151.00	- 168.00
ORGenTec	10	10	0	228.23	51.90	- 394.84
ORGenTec Alegria	18	18	0	214.15	170.70	- 383.00
Other ...	4	4	0	110.37	68.10	- 163.00
Phadia 100 EliA	7	7	0	167.14	112.00	- 206.00
Phadia 1000/2500 EliA	9	9	0	166.07	64.00	- 270.00
Phadia 250 EliA	176	175	1	188.08	117.00	- 260.00
Wieslab	2	2	0	95.50	56.00	- 135.00
<b>OTHER UNITS</b>	<b>76</b>	<b>74</b>	<b>2</b>	<b>187.95</b>	<b>0.00</b>	<b>- 977.00</b>
Alpha Dia	5	4	1	53.60	0.00	- 85.00
Biodiagnostics Quickcard	3	3	0	5.00	5.00	- 5.00
D-tek	5	4	1	62.50	0.00	- 100.00
Euroimmun	11	11	0	84.35	0.00	- 175.00
Inova QUANTA Flash	15	15	0	659.70	534.40	- 977.00
Luminex Tech. - Bio-Rad Bioplex 2200	30	30	0	9.87	5.90	- 17.50
Not Stated	1	1	0	78.00	78.00	- 78.00
ORGenTec	1	1	0	7.00	7.00	- 7.00
Other ...	3	3	0	328.17	1.00	- 950.90
Wieslab	2	2	0	6.77	1.54	- 12.00

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



# ANCA and GBM - Sample 186-2

Distribution : 186

November 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
<b>Indirect Immunofluorescence</b>	<b>6</b>	<b>338</b>	<b>338</b>	<b>6</b>	<b>8</b>	<b>0</b>	<b>1</b>	<b>30</b>	<b>21</b>
A. Menarini - Zenit EIA	0	19	18	1	0	0	0	0	0
ACCUSAY	1	5	6	0	0	0	0	0	0
Alpha Dia	0	0	0	0	0	0	0	1	1
BioDiagnostics	0	4	4	0	0	0	0	1	0
Bio-Rad/Kallestad/Sanofi	0	9	9	0	0	0	0	0	0
Biosystems	0	5	4	1	0	0	0	1	1
Euroimmun	2	74	72	4	0	0	0	12	0
Immunoconcepts	0	6	6	0	1	0	0	0	0
In House	0	7	7	0	0	0	0	0	0
Inova	3	172	175	0	4	0	1	13	14
ORGenTec	0	0	0	0	1	0	0	0	0
ORGenTec Alegria	0	0	0	0	2	0	0	0	0
Other ...	0	28	28	0	0	0	0	0	1
Trinity Biotech (Immco)	0	9	9	0	0	0	0	2	4

	PR3		MPO		GBM	
	Pos	Neg	Pos	Neg	Pos	Neg
<b>Immunoassay</b>	<b>14</b>	<b>438</b>	<b>450</b>	<b>3</b>	<b>321</b>	<b>42</b>
A. Menarini - Zenit EIA	0	1	1	0	1	0
A. Menarini - Zenit RA	1	17	18	0	9	0
AESKU	0	6	6	0	3	1
Aeskulisa PR3 Sensitive	0	1	0	0	0	0
Alpha Dia	0	5	5	0	2	3
Biodiagnostics Quickcard	0	0	0	0	2	2
Biosystems	0	1	1	0	0	1
Diasorin	0	1	1	0	0	0
D-tek	0	5	5	0	1	4
Eurodiagnostica Diastat	0	1	1	0	0	0
Eurodiagnostica Weislab	1	2	3	0	4	4
Eurodiagnostica Weislab Capture	3	6	8	0	0	0
Euroimmun	0	27	28	1	7	12
Euroimmun PR3-hn-hr	0	2	0	0	0	0
Genesis	0	1	1	0	0	0
Hycor Biomedical	0	1	1	0	0	0
In House	0	2	4	0	0	2
Inova	0	16	15	0	6	0
Inova QUANTA Flash	0	48	47	1	30	2
Luminex Tech. - Bio-Rad Bioplex 2200	0	36	36	0	32	1
Luminex Tech. - THERADIAG (BMD)	0	2	2	0	2	0
Not Stated	0	0	0	0	0	1
ORGenTec	0	15	20	0	11	0
ORGenTec Alegria	7	7	15	0	18	0
Orgentec PR3 hs	0	2	0	0	0	0
Other ...	0	8	8	0	4	4
Phadia 100 EliA	0	2	2	0	7	0
Phadia 100 EliA (MPOS)	0	0	2	0	0	0
Phadia 100 EliA (PR3S)	0	3	0	0	0	0
Phadia 1000/2500 EliA	0	9	9	0	9	0
Phadia 250 EliA	0	70	69	0	172	2
Phadia 250 EliA (MPOS)	0	0	142	1	0	0
Phadia 250 EliA (PR3S)	2	140	0	0	0	0
Wieslab	0	1	0	0	1	3

# ANCA and GBM - Sample 186-2

Distribution : 186

November 2018

Participant 94317

## INDIRECT IMMUNOFLUORESCENCE

### Your Results

<p><b>C ANCA:</b> No Response</p> <p><b>C ANCA Quantitation:</b></p> <p><b>C ANCA Unit:</b></p> <p><b>C ANCA Manufacturer:</b></p> <p><b>P ANCA:</b> No Response</p> <p><b>P ANCA Quantitation:</b></p> <p><b>P ANCA Unit:</b></p> <p><b>P ANCA Manufacturer:</b></p>	<p><b>ANCA Screen:</b> No Response</p> <p><b>ANCA Screen Manufacturer:</b></p> <p><b>Atypical ANCA:</b> No Response</p> <p><b>Atypical ANCA Manufacturer:</b></p> <p><b>GBM:</b> No Response</p> <p><b>GBM Quantitation:</b></p> <p><b>GBM Unit:</b></p> <p><b>GBM Manufacturer:</b></p>
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C ANCA	Returns	Positive	Negative	Mean	Range		
<b>1/titre</b>	<b>343</b>	<b>6</b>	<b>337</b>	<b>19.05</b>	<b>0.00</b>	-	<b>50.00</b>
A. Menarini - Zenit EIA	19	0	19	20.00	20.00	-	20.00
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	25.00	20.00	-	40.00
Biosystems	5	0	5	0.00	0.00	-	0.00
Euroimmun	76	2	74	12.75	0.00	-	40.00
Immunoconcepts	6	0	6	20.00	20.00	-	20.00
In House	7	0	7	20.00	20.00	-	20.00
Inova	175	3	172	19.46	0.00	-	40.00
Other ...	27	0	27	20.00	20.00	-	20.00
Trinity Biotech (Immco)	9	0	9	40.00	40.00	-	40.00
<b>OTHER UNITS</b>	<b>1</b>	<b>0</b>	<b>1</b>				
Other ...	1	0	1	0.00	0.00	-	0.00
<b>P ANCA</b>							
<b>1/titre</b>	<b>343</b>	<b>337</b>	<b>6</b>	<b>159.25</b>	<b>1.00</b>	-	<b>640.00</b>
A. Menarini - Zenit EIA	19	18	1	97.50	20.00	-	160.00
ACCUSAY	6	6	0	400.00	160.00	-	640.00
BioDiagnostics	4	4	0	120.00	40.00	-	160.00
Bio-Rad/Kallestad/Sanofi	9	9	0	146.67	20.00	-	320.00
Biosystems	5	4	1	320.00	320.00	-	320.00
Euroimmun	76	72	4	137.40	1.00	-	320.00
Immunoconcepts	6	6	0	266.67	160.00	-	320.00
In House	7	7	0	250.00	40.00	-	640.00
Inova	175	175	0	165.00	10.00	-	640.00
Other ...	27	27	0	92.86	20.00	-	160.00
Trinity Biotech (Immco)	9	9	0	228.00	20.00	-	640.00
<b>OTHER UNITS</b>	<b>1</b>	<b>1</b>	<b>0</b>				
Other ...	1	1	0	0.00	0.00	-	0.00

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

# ANCA and GBM - Sample 186-2

Distribution : 186

November 2018

Participant 94317

## INDIRECT IMMUNOFLUORESCENCE

### ANCA Screen

	Returns	Positive	Negative
	<b>8</b>	<b>8</b>	<b>0</b>
Immunoconcepts	1	1	0
Inova	4	4	0
ORGenTec	1	1	0
ORGenTec Alegria	2	2	0

### Atypical ANCA

	Returns
	<b>1</b>
Inova	1

### GBM

	Returns	Positive	Negative	Mean	Range		
<b>1/titre</b>	<b>48</b>	<b>28</b>	<b>20</b>	<b>16.76</b>	<b>1.00</b>	-	<b>48.00</b>
Alpha Dia	2	1	1	48.00	48.00	-	48.00
BioDiagnostics	1	1	0	5.00	5.00	-	5.00
Biosystems	1	0	1	0.00	0.00	-	0.00
Euroimmun	12	12	0	13.50	1.00	-	40.00
Inova	26	12	14	18.21	5.00	-	40.00
Trinity Biotech (Immco)	6	2	4	10.00	10.00	-	10.00
<b>OTHER UNITS</b>	<b>3</b>	<b>2</b>	<b>1</b>				
Biosystems	1	1	0	0.00	0.00	-	0.00
Inova	1	1	0	0.00	0.00	-	0.00
Other ...	1	0	1	0.00	0.00	-	0.00

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

# ANCA and GBM - Sample 186-2

**Distribution :** 186

**November 2018**

**Participant 94317**

## IMMUNOASSAY

### Your Results

<p><b>PR3:</b> Negative  <b>PR3 Quantitation:</b> 1.3  <b>PR3 Unit:</b> IU/mL or U/mL  <b>PR3 Manufacturer:</b> Phadia 1000/2500 EliA</p> <p><b>MPO:</b> Positive  <b>MPO Quantitation:</b> 50  <b>MPO Unit:</b> IU/mL or U/mL  <b>MPO Manufacturer:</b> Phadia 1000/2500 EliA</p>	<p><b>GBM:</b> Positive  <b>GBM Quantitation:</b> 23  <b>GBM Unit:</b> IU/mL or U/mL  <b>GBM Manufacturer:</b> Phadia 1000/2500 EliA</p>
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PR3	Returns	Positive	Negative	Mean	Range		
<b>IU/mL or U/mL</b>	<b>231</b>	<b>12</b>	<b>219</b>	<b>1.92</b>	<b>0.00</b>	-	<b>8.30</b>
A. Menarini - Zenit EIA	1	0	1	2.10	2.10	-	2.10
A. Menarini - Zenit RA	18	1	17	5.30	0.00	-	12.00
AESKU	6	0	6	3.46	1.16	-	5.40
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	0.70	0.70	-	0.70
Eurodiagnostica Weislab	3	1	2	3.87	2.00	-	5.00
Eurodiagnostica Weislab Capture	9	3	6	3.84	3.00	-	4.70
Euroimmun	20	0	20	1.23	0.00	-	3.00
Genesis	1	0	1	0.06	0.06	-	0.06
Hycor Biomedical	1	0	1	0.60	0.60	-	0.60
In House	2	0	2	5.00	5.00	-	5.00
Inova	15	0	15	2.03	0.60	-	4.30
Inova QUANTA Flash	32	0	32	2.16	0.50	-	4.10
Luminex Tech. - Bio-Rad Bioplex 2200	3	0	3	0.00	0.00	-	0.00
Luminex Tech. - THERADIAG (BMD)	2	0	2	1.50	1.00	-	2.00
ORGenTec	14	0	14	1.71	1.10	-	2.50
ORGenTec Alegria	14	7	7	9.66	1.90	-	16.00
Other ...	4	0	4	4.50	0.00	-	7.40
Phadia 100 EliA	2	0	2	0.45	0.00	-	0.90
Phadia 1000/2500 EliA	9	0	9	1.20	0.40	-	1.70
Phadia 250 EliA	70	0	70	0.51	0.00	-	1.10
Wieslab	1	0	1	6.20	6.20	-	6.20
<b>OTHER UNITS</b>	<b>221</b>	<b>2</b>	<b>219</b>	<b>1.69</b>	<b>0.00</b>	-	<b>9.00</b>
Aeskulisa PR3 Sensitive	1	0	1	9.00	9.00	-	9.00
Alpha Dia	4	0	4	0.02	0.00	-	0.10
D-tek	5	0	5	0.00	0.00	-	0.00
Euroimmun	7	0	7	0.00	0.00	-	0.00
Euroimmun PR3-hn-hr	2	0	2	3.00	2.00	-	4.00
Inova	1	0	1	2.30	2.30	-	2.30
Inova QUANTA Flash	16	0	16	3.58	2.00	-	5.00
Luminex Tech. - Bio-Rad Bioplex 2200	33	0	33	0.20	0.20	-	0.20
ORGenTec	1	0	1	0.00	0.00	-	0.00
Orgentec PR3 hs	2	0	2	0.85	0.00	-	1.70
Other ...	4	0	4	23.11	0.00	-	89.60
Phadia 100 EliA (PR3S)	3	0	3	0.83	0.70	-	1.00
Phadia 250 EliA (PR3S)	142	2	140	0.55	0.00	-	1.50

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

# ANCA and GBM - Sample 186-2

**Distribution :** 186

**November 2018**

**Participant 94317**

## IMMUNOASSAY

<b>MPO</b>	<b>Returns</b>	<b>Positive</b>	<b>Negative</b>	<b>Mean</b>	<b>Range</b>	
<b>IU/mL or U/mL</b>	<b>236</b>	<b>235</b>	<b>1</b>	<b>72.07</b>	<b>3.60</b>	<b>320.00</b>
A. Menarini - Zenit EIA	1	1	0	109.30	109.30	109.30
A. Menarini - Zenit RA	18	18	0	96.04	83.00	109.80
AESKU	6	6	0	226.78	157.00	320.00
Alpha Dia	1	1	0	60.00	60.00	60.00
Biosystems	1	1	0	42.60	42.60	42.60
Diasorin	1	1	0	41.00	41.00	41.00
Eurodiagnostica Diastat	1	1	0	49.20	49.20	49.20
Eurodiagnostica Weislab	3	3	0	48.87	33.60	64.00
Eurodiagnostica Weislab Capture	8	8	0	53.16	16.90	72.00
Euroimmun	21	20	1	91.22	53.90	128.00
Genesis	1	1	0	40.00	40.00	40.00
Hycor Biomedical	1	1	0	41.20	41.20	41.20
In House	4	4	0	119.38	34.50	320.00
Inova	14	14	0	55.12	41.90	70.70
Inova QUANTA Flash	32	32	0	307.29	61.60	552.00
Luminex Tech. - Bio-Rad Bioplex 2200	3	3	0	137.00	137.00	137.00
Luminex Tech. - THERADIAG (BMD)	2	2	0	148.50	145.00	152.00
ORGenTec	19	19	0	45.13	26.00	66.70
ORGenTec Alegria	15	15	0	44.54	24.10	64.80
Other ...	4	4	0	132.45	9.80	320.00
Phadia 100 EliA	2	2	0	53.45	45.00	61.90
Phadia 1000/2500 EliA	9	9	0	55.57	44.00	69.00
Phadia 250 EliA	69	69	0	53.23	35.00	72.00
<b>OTHER UNITS</b>	<b>217</b>	<b>215</b>	<b>2</b>	<b>153.07</b>	<b>0.00</b>	<b>529.00</b>
Alpha Dia	4	4	0	45.00	30.00	86.00
D-tek	5	5	0	61.75	1.00	93.00
Euroimmun	8	8	0	72.94	0.00	193.00
Inova	1	1	0	66.70	66.70	66.70
Inova QUANTA Flash	16	15	1	430.74	356.50	529.00
Luminex Tech. - Bio-Rad Bioplex 2200	33	33	0	80.06	8.00	153.70
ORGenTec	1	1	0	5.00	5.00	5.00
Other ...	4	4	0	164.75	1.00	560.00
Phadia 100 EliA (MPOS)	2	2	0	56.50	51.00	62.00
Phadia 250 EliA (MPOS)	143	142	1	52.84	35.00	69.00

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

# ANCA and GBM - Sample 186-2

**Distribution :** 186

**November 2018**

**Participant 94317**

## IMMUNOASSAY

<b>GBM</b>	<b>Returns</b>	<b>Positive</b>	<b>Negative</b>	<b>Mean</b>	<b>Range</b>	
<b>IU/mL or U/mL</b>	<b>286</b>	<b>265</b>	<b>21</b>	<b>46.64</b>	<b>0.00</b>	<b>144.00</b>
A. Menarini - Zenit EIA	1	1	0	720.10	720.10	720.10
A. Menarini - Zenit RA	9	9	0	125.85	103.00	144.00
AESKU	4	3	1	27.08	9.10	38.00
Biosystems	1	0	1	0.00	0.00	0.00
Eurodiagnostica Weislab	8	4	4	6.71	3.10	10.00
Euroimmun	8	1	7	9.79	1.00	13.00
In House	2	0	2	17.00	17.00	17.00
Inova	6	6	0	40.03	29.00	53.10
Inova QUANTA Flash	18	17	1	106.86	88.10	137.00
Luminex Tech. - Bio-Rad Bioplex 2200	3	3	0	1.97	1.70	2.10
Luminex Tech. - THERADIAG (BMD)	2	2	0	47.00	47.00	47.00
ORGenTec	10	10	0	78.08	55.50	92.29
ORGenTec Alegria	18	18	0	75.99	21.50	115.00
Other ...	4	3	1	37.75	0.00	86.10
Phadia 100 EliA	7	7	0	36.17	26.00	42.00
Phadia 1000/2500 EliA	9	9	0	34.55	23.00	42.00
Phadia 250 EliA	174	172	2	39.20	20.00	62.00
Wieslab	2	0	2	6.60	6.60	6.60
<b>OTHER UNITS</b>	<b>77</b>	<b>56</b>	<b>21</b>	<b>27.08</b>	<b>0.00</b>	<b>135.50</b>
Alpha Dia	5	2	3	1.22	0.00	5.00
Biodiagnostics Quickcard	4	2	2	1.00	1.00	1.00
D-tek	5	1	4	5.25	0.00	16.00
Euroimmun	11	6	5	16.57	0.00	49.00
Inova QUANTA Flash	14	13	1	100.92	85.00	135.50
Luminex Tech. - Bio-Rad Bioplex 2200	30	29	1	1.97	1.60	2.30
Not Stated	1	0	1	0.00	0.00	0.00
ORGenTec	1	1	0	1.00	1.00	1.00
Other ...	4	1	3	40.95	0.00	95.72
Wieslab	2	1	1	1.69	0.39	3.00

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