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### UK NEQAS for Autoimmune Serology ANCA and GBM

Distribution : 184	July 2018	Participant : 94317
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482 out of 534 participants returned data for this distribution. 90 % response rate.

#### Nil Responses

1233A, 10668, 11690, 12185, 12187, 13923, 14241A, 14575, 14595, 14638, 14640, 14668, 14809, 14819, 90367A, 90412, 90604, 90610A, 91520, 91603, 91624, 91666, 91896, 92447, 92538, 92700, 92787, 92824, 94107, 94440, 94510, 94633A, 94736, 94931, 95042, 95108, 95496, ANAND, NOKLUS, YVSOLAB, CSCQ, ORG\_G, ORG\_A, ORG, BIOG, INFO, CODEX, TVN, SEQC, TVNR, VAR, DEKS

**Sample 184-1** was a single donor sample from a patient with Goodpasture's syndrome.

**Sample 184-2** was a single donor sample from a patient with Granulomatosis with Polyangiitis (Wegener's) (GPA).

Sample	Method	Analyte	Target Response	Your Response	Score
184-1	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
184-2	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
					<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 184-1

**Distribution : 184**

**July 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>3</b>	<b>341</b>	<b>1</b>	<b>343</b>	<b>0</b>	<b>9</b>	<b>1</b>	<b>52</b>	<b>1</b>
A. Menarini - Zenit EIA	0	18	0	18	0	0	0	0	0
ACCUSAY	0	6	0	6	0	0	0	0	0
Alpha Dia	0	0	0	0	0	0	0	3	0
BioDiagnostics	0	4	0	4	0	0	0	1	0
Bio-Rad/Kallestad/Sanofi	0	10	0	10	0	0	0	0	0
Biosystems	0	4	0	4	0	0	0	1	0
Euroimmun	2	72	1	73	0	0	1	11	0
Immunoconcepts	0	7	0	7	0	1	0	0	0
In House	0	7	0	7	0	0	0	0	0
Inova	0	173	0	173	0	5	0	28	0
ORGenTec Alegria	0	0	0	0	0	3	0	0	0
Other ...	0	28	0	28	0	0	0	1	1
Trinity Biotech (Immco)	0	11	0	11	0	0	0	7	0
	PR3		MPO				GBM		
	Pos	Neg	Pos	Neg			Pos	Neg	
<b>Immunoassay</b>	<b>1</b>	<b>445</b>	<b>0</b>	<b>447</b>			<b>357</b>	<b>5</b>	
A. Menarini - Zenit RA	0	16	0	16			9	0	
AESKU	0	6	0	6			3	0	
Aeskulisa PR3 Sensitive	0	1	0	0			0	0	
Alpha Dia	0	5	0	5			5	0	
Biodiagnostics Quickcard	0	0	0	0			4	0	
Diasorin	0	1	0	1			0	0	
D-tek	0	5	0	5			5	0	
Eurodiagnostica Diastat	0	1	0	1			0	0	
Eurodiagnostica Weislab	0	3	0	3			10	0	
Eurodiagnostica Weislab Capture	0	10	0	10			0	0	
Euroimmun	0	25	0	27			18	1	
Euroimmun PR3-hn-hr	0	2	0	0			0	0	
Genesis	0	1	0	1			0	0	
In House	0	2	0	3			1	0	
Inova	0	15	0	14			7	0	
Inova QUANTA Flash	0	51	0	51			35	1	
Luminex Tech. - Bio-Rad Bioplex 2200	0	38	0	38			33	0	
Luminex Tech. - THERADIAG (BMD)	0	3	0	3			3	0	
Not Stated	0	0	0	0			1	0	
ORGenTec	0	14	0	19			10	0	
ORGenTec Alegria	0	15	0	16			19	0	
Orgentec PR3 hs	0	2	0	0			0	0	
Other ...	0	9	0	9			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			10	0	
Phadia 250 EliA	1	65	0	65			166	3	
Phadia 250 EliA (MPOS)	0	0	0	140			0	0	
Phadia 250 EliA (PR3S)	0	138	0	0			0	0	
Trinity Biotech	0	1	0	1			0	0	
Wieslab	0	1	0	0			4	0	

# ANCA and GBM - Sample 184-1

Distribution : 184

July 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>339</b>	<b>2</b>	<b>337</b>	<b>18.75</b>	<b>0.00</b>	-	<b>80.00</b>
A. Menarini - Zenit EIA	18	0	18	20.00	20.00	-	20.00
ACCUSAY	6	0	6	0.00	0.00	-	0.00
BioDiagnostics	4	0	4	10.00	10.00	-	10.00
Bio-Rad/Kallestad/Sanofi	10	0	10	33.33	20.00	-	40.00
Biosystems	4	0	4	0.00	0.00	-	0.00
Euroimmun	74	2	72	12.37	0.00	-	40.00
Immunoconcepts	7	0	7	20.00	20.00	-	20.00
In House	7	0	7	10.00	0.00	-	20.00
Inova	173	0	173	17.63	0.00	-	40.00
Other ...	25	0	25	20.00	0.00	-	40.00
Trinity Biotech (Immco)	11	0	11	27.00	1.00	-	40.00
<b>OTHER UNITS</b>	<b>3</b>	<b>0</b>	<b>3</b>				
Other ...	3	0	3	0.00	0.00	-	0.00
<b>P ANCA</b>							
<b>1/titre</b>	<b>339</b>	<b>1</b>	<b>338</b>	<b>17.23</b>	<b>0.00</b>	-	<b>40.00</b>
A. Menarini - Zenit EIA	18	0	18	20.00	20.00	-	20.00
ACCUSAY	6	0	6	0.00	0.00	-	0.00
BioDiagnostics	4	0	4	10.00	10.00	-	10.00
Bio-Rad/Kallestad/Sanofi	10	0	10	33.33	20.00	-	40.00
Biosystems	4	0	4	0.00	0.00	-	0.00
Euroimmun	74	1	73	10.83	0.00	-	20.00
Immunoconcepts	7	0	7	20.00	20.00	-	20.00
In House	7	0	7	10.00	0.00	-	20.00
Inova	173	0	173	17.63	0.00	-	40.00
Other ...	25	0	25	20.00	0.00	-	40.00
Trinity Biotech (Immco)	11	0	11	27.00	1.00	-	40.00
<b>OTHER UNITS</b>	<b>3</b>	<b>0</b>	<b>3</b>				
Other ...	3	0	3	0.00	0.00	-	0.00

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

# ANCA and GBM - Sample 184-1

**Distribution :** 184

**July 2018**

**Participant 94317**

## INDIRECT IMMUNOFLUORESCENCE

### ANCA Screen

	Returns	Positive	Negative
	<b>9</b>	<b>0</b>	<b>9</b>
Immunoconcepts	1	0	1
Inova	5	0	5
ORGenTec Alegria	3	0	3

### Atypical ANCA

	Returns
	<b>1</b>
Euroimmun	1

### GBM

	Returns	Positive	Negative	Mean	Range		
<b>1/titre</b>	<b>50</b>	<b>49</b>	<b>1</b>	<b>86.74</b>	<b>1.00</b>	-	<b>320.00</b>
Alpha Dia	3	3	0	40.00	40.00	-	40.00
BioDiagnostics	1	1	0	10.00	10.00	-	10.00
Euroimmun	11	11	0	106.83	1.00	-	320.00
Inova	27	27	0	91.14	5.00	-	320.00
Other ...	1	0	1	0.00	0.00	-	0.00
Trinity Biotech (Immco)	7	7	0	71.83	1.00	-	320.00
<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 184-1

**Distribution :** 184

**July 2018**

**Participant 94317**

## IMMUNOASSAY

### Your Results

<p><b>PR3:</b> Negative  <b>PR3 Quantitation:</b> 0.2  <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> 0.2  <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> 118  <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>221</b>	<b>1</b>	<b>220</b>	<b>0.64</b>	<b>0.00</b>	<b>- 3.10</b>
A. Menarini - Zenit RA	16	0	16	0.04	0.00	- 0.20
AESKU	6	0	6	0.79	0.30	- 2.00
Alpha Dia	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	3	0	3	0.03	0.00	- 0.10
Eurodiagnostica Weislab Capture	10	0	10	0.39	0.00	- 0.80
Euroimmun	17	0	17	0.80	0.00	- 2.00
Genesis	1	0	1	0.00	0.00	- 0.00
In House	2	0	2	1.00	1.00	- 1.00
Inova	15	0	15	1.32	0.60	- 2.00
Inova QUANTA Flash	32	0	32	1.39	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	0.00	0.00	- 0.00
ORGenTec	13	0	13	0.71	0.00	- 1.30
ORGenTec Alegria	15	0	15	0.90	0.50	- 1.20
Other ...	4	0	4	2.50	0.00	- 5.00
Phadia 100 EliA	2	0	2	0.00	0.00	- 0.00
Phadia 1000/2500 EliA	9	0	9	0.34	0.20	- 0.40
Phadia 250 EliA	66	1	65	0.12	0.00	- 0.60
Trinity Biotech	1	0	1	0.19	0.19	- 0.19
Wieslab	1	0	1	0.00	0.00	- 0.00
<b>OTHER UNITS</b>	<b>225</b>	<b>0</b>	<b>225</b>	<b>0.72</b>	<b>0.00</b>	<b>- 3.00</b>
Aeskulisa PR3 Sensitive	1	0	1	2.00	2.00	- 2.00
Alpha Dia	4	0	4	0.13	0.00	- 0.80
D-tek	5	0	5	0.00	0.00	- 0.00
Euroimmun	8	0	8	0.21	0.00	- 1.00
Euroimmun PR3-hn-hr	2	0	2	1.50	1.00	- 2.00
Inova QUANTA Flash	19	0	19	1.88	0.00	- 3.00
Luminex Tech. - Bio-Rad Bioplex 2200	36	0	36	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 ...	5	0	5	30.47	0.00	- 151.00
Phadia 100 EliA (PR3S)	4	0	4	0.23	0.10	- 0.50
Phadia 250 EliA (PR3S)	138	0	138	0.09	0.00	- 0.50

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

# ANCA and GBM - Sample 184-1

**Distribution : 184**

**July 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>226</b>	<b>0</b>	<b>226</b>	<b>0.53</b>	<b>0.00</b>	-	<b>2.50</b>
A. Menarini - Zenit RA	16	0	16	0.34	0.00	-	1.00
AESKU	6	0	6	0.99	0.78	-	1.40
Alpha Dia	1	0	1	0.00	0.00	-	0.00
Diasorin	1	0	1	1.00	1.00	-	1.00
Eurodiagnostica Diastat	1	0	1	0.36	0.36	-	0.36
Eurodiagnostica Weislab	3	0	3	0.18	0.00	-	0.55
Eurodiagnostica Weislab Capture	10	0	10	0.32	0.00	-	0.90
Euroimmun	18	0	18	0.92	0.00	-	2.00
Genesis	1	0	1	0.02	0.02	-	0.02
In House	3	0	3	1.04	1.00	-	1.08
Inova	14	0	14	1.56	0.60	-	3.10
Inova QUANTA Flash	32	0	32	1.84	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	18	0	18	0.49	0.00	-	1.90
ORGenTec Alegria	16	0	16	0.95	0.90	-	1.00
Other ...	4	0	4	1.75	0.00	-	3.00
Phadia 100 EliA	2	0	2	0.00	0.00	-	0.00
Phadia 1000/2500 EliA	9	0	9	0.17	0.00	-	0.30
Phadia 250 EliA	65	0	65	0.09	0.00	-	0.30
Trinity Biotech	1	0	1	0.29	0.29	-	0.29
<b>OTHER UNITS</b>	<b>221</b>	<b>0</b>	<b>221</b>	<b>0.56</b>	<b>0.00</b>	-	<b>3.20</b>
Alpha Dia	4	0	4	0.15	0.00	-	0.90
D-tek	5	0	5	0.00	0.00	-	0.00
Euroimmun	9	0	9	0.45	0.00	-	2.00
Inova QUANTA Flash	19	0	19	2.59	0.10	-	3.20
Luminex Tech. - Bio-Rad Bioplex 2200	36	0	36	0.20	0.20	-	0.20
ORGenTec	1	0	1	0.00	0.00	-	0.00
Other ...	5	0	5	58.63	0.00	-	292.00
Phadia 100 EliA (MPOS)	2	0	2	0.10	0.10	-	0.10
Phadia 250 EliA (MPOS)	140	0	140	0.10	0.00	-	0.50

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

# ANCA and GBM - Sample 184-1

**Distribution :** 184

**July 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>281</b>	<b>277</b>	<b>4</b>	<b>140.44</b>	<b>0.00</b>	<b>- 402.80</b>
A. Menarini - Zenit RA	9	9	0	563.48	475.20	- 650.30
AESKU	3	3	0	117.27	85.80	- 143.00
Eurodiagnostica Weislab	10	10	0	49.22	7.70	- 64.39
Euroimmun	7	7	0	65.92	53.00	- 77.00
In House	1	1	0	164.00	164.00	- 164.00
Inova	7	7	0	114.58	88.00	- 149.07
Inova QUANTA Flash	19	18	1	511.55	402.80	- 661.50
Luminex Tech. - Bio-Rad Bioplex 2200	2	2	0	5.00	5.00	- 5.00
Luminex Tech. - THERADIAG (BMD)	3	3	0	120.67	101.00	- 138.00
ORGenTec	9	9	0	156.68	100.00	- 200.00
ORGenTec Alegria	19	19	0	204.36	157.60	- 285.00
Other ...	4	4	0	110.17	87.50	- 143.00
Phadia 100 EliA	7	7	0	136.33	119.00	- 169.00
Phadia 1000/2500 EliA	10	10	0	144.59	118.00	- 177.00
Phadia 250 EliA	169	166	3	148.56	84.00	- 202.00
Wieslab	2	2	0	66.80	62.30	- 71.30
<b>OTHER UNITS</b>	<b>81</b>	<b>80</b>	<b>1</b>	<b>139.76</b>	<b>0.00</b>	<b>- 569.00</b>
Alpha Dia	5	5	0	57.40	1.00	- 94.00
Biodiagnostics Quickcard	4	4	0	5.00	5.00	- 5.00
D-tek	5	5	0	89.25	84.00	- 100.00
Euroimmun	12	11	1	85.38	0.00	- 167.00
Inova QUANTA Flash	17	17	0	465.55	424.80	- 569.00
Luminex Tech. - Bio-Rad Bioplex 2200	31	31	0	6.90	5.50	- 8.00
Not Stated	1	1	0	66.00	66.00	- 66.00
ORGenTec	1	1	0	6.00	6.00	- 6.00
Other ...	3	3	0	385.07	1.00	- 1,132.00
Wieslab	2	2	0	6.37	1.73	- 11.00

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



# ANCA and GBM - Sample 184-2

Distribution : 184

July 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>341</b>	<b>5</b>	<b>5</b>	<b>341</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>49</b>
A. Menarini - Zenit EIA	17	1	0	18	0	0	0	0	0
ACCUSAY	6	0	1	5	0	0	0	0	0
Alpha Dia	0	0	0	0	0	0	0	0	3
BioDiagnostics	4	0	0	4	0	0	0	0	1
Bio-Rad/Kallestad/Sanofi	9	0	0	9	0	0	0	0	0
Biosystems	4	0	0	4	0	0	0	0	1
Euroimmun	73	2	2	73	0	0	0	0	12
Immunoconcepts	7	0	0	7	1	0	0	0	0
In House	7	0	0	7	0	0	0	0	0
Inova	173	2	2	173	4	0	0	0	23
ORGenTec Alegria	0	0	0	0	2	0	0	0	0
Other ...	28	0	0	28	0	0	0	0	2
Trinity Biotech (Immco)	11	0	0	11	0	0	0	0	7

	PR3		MPO		GBM	
	Pos	Neg	Pos	Neg	Pos	Neg
<b>Immunoassay</b>	<b>442</b>	<b>7</b>	<b>2</b>	<b>448</b>	<b>2</b>	<b>359</b>
A. Menarini - Zenit RA	16	0	0	16	0	9
AESKU	6	0	0	6	0	3
Aeskulisa PR3 Sensitive	1	0	0	0	0	0
Alpha Dia	5	0	0	5	0	5
Biodiagnostics Quickcard	0	0	0	0	0	5
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	3	0	0	3	0	10
Eurodiagnostica Weislab Capture	11	0	0	10	0	0
Euroimmun	25	1	0	28	0	19
Euroimmun PR3-hn-hr	2	0	0	0	0	0
Genesis	1	0	0	1	0	0
In House	1	0	1	2	0	1
Inova	16	0	0	15	0	7
Inova QUANTA Flash	50	1	1	50	0	35
Luminex Tech. - Bio-Rad Bioplex 2200	38	0	0	38	0	33
Luminex Tech. - THERADIAG (BMD)	3	0	0	3	0	3
Not Stated	0	0	0	0	0	1
ORGenTec	14	0	0	19	0	10
ORGenTec Alegria	15	0	0	16	0	19
Orgentec PR3 hs	2	0	0	0	0	0
Other ...	8	1	0	9	0	7
Phadia 100 EliA	2	0	0	2	0	6
Phadia 100 EliA (MPOS)	0	0	0	2	0	0
Phadia 100 EliA (PR3S)	3	0	0	0	0	0
Phadia 1000/2500 EliA	10	0	0	10	0	10
Phadia 250 EliA	64	3	0	66	2	167
Phadia 250 EliA (MPOS)	0	0	0	139	0	0
Phadia 250 EliA (PR3S)	138	0	0	0	0	0
Trinity Biotech	1	0	0	1	0	0
Wieslab	0	1	0	0	0	4

# ANCA and GBM - Sample 184-2

Distribution : 184

July 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>341</b>	<b>336</b>	<b>5</b>	<b>100.39</b>	<b>0.00</b>	-	<b>640.00</b>
A. Menarini - Zenit EIA	18	17	1	42.00	20.00	-	80.00
ACCUSAY	6	6	0	60.00	40.00	-	80.00
BioDiagnostics	4	4	0	160.00	160.00	-	160.00
Bio-Rad/Kallestad/Sanofi	9	9	0	92.00	20.00	-	160.00
Biosystems	4	4	0	173.33	40.00	-	320.00
Euroimmun	75	73	2	87.16	0.00	-	320.00
Immunoconcepts	7	7	0	120.00	80.00	-	160.00
In House	7	7	0	220.00	80.00	-	320.00
Inova	175	173	2	77.63	0.00	-	200.00
Other ...	25	25	0	49.40	1.00	-	160.00
Trinity Biotech (Immco)	11	11	0	150.17	1.00	-	640.00
<b>OTHER UNITS</b>	<b>3</b>	<b>3</b>	<b>0</b>				
Other ...	3	3	0	0.00	0.00	-	0.00
<b>P ANCA</b>							
<b>1/titre</b>	<b>341</b>	<b>5</b>	<b>336</b>	<b>17.39</b>	<b>0.00</b>	-	<b>40.00</b>
A. Menarini - Zenit EIA	18	0	18	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	30.00	20.00	-	40.00
Biosystems	4	0	4	0.00	0.00	-	0.00
Euroimmun	75	2	73	10.75	0.00	-	20.00
Immunoconcepts	7	0	7	20.00	20.00	-	20.00
In House	7	0	7	20.00	20.00	-	20.00
Inova	175	2	173	18.25	0.00	-	40.00
Other ...	25	0	25	20.00	0.00	-	40.00
Trinity Biotech (Immco)	11	0	11	27.00	1.00	-	40.00
<b>OTHER UNITS</b>	<b>3</b>	<b>0</b>	<b>3</b>				
Other ...	3	0	3	0.00	0.00	-	0.00

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

# ANCA and GBM - Sample 184-2

Distribution : 184

July 2018

Participant 94317

## INDIRECT IMMUNOFLUORESCENCE

### ANCA Screen

	Returns	Positive	Negative
	7	7	0
Immunoconcepts	1	1	0
Inova	4	4	0
ORGenTec Alegria	2	2	0

### Atypical ANCA

**Returns**  
0

### GBM

	Returns	Positive	Negative	Mean	Range		
<b>1/titre</b>	<b>46</b>	<b>0</b>	<b>46</b>	<b>6.91</b>	<b>0.00</b>	-	<b>10.00</b>
Alpha Dia	3	0	3	0.00	0.00	-	0.00
BioDiagnostics	1	0	1	5.00	5.00	-	5.00
Euroimmun	12	0	12	7.50	0.00	-	10.00
Inova	22	0	22	10.00	5.00	-	20.00
Other ...	1	0	1	0.00	0.00	-	0.00
Trinity Biotech (Immco)	7	0	7	7.00	1.00	-	10.00
<b>OTHER UNITS</b>	<b>3</b>	<b>0</b>	<b>3</b>				
Biosystems	1	0	1	0.00	0.00	-	0.00
Inova	1	0	1	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 184-2

**Distribution :** 184

**July 2018**

**Participant 94317**

## IMMUNOASSAY

### Your Results

<p><b>PR3:</b> Positive  <b>PR3 Quantitation:</b> 10  <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> 0.2  <b>MPO Unit:</b> IU/mL or U/mL  <b>MPO Manufacturer:</b> Phadia 1000/2500 EliA</p>	<p><b>GBM:</b> Negative  <b>GBM Quantitation:</b> 0.8  <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>225</b>	<b>218</b>	<b>7</b>	<b>49.82</b>	<b>0.00</b>	<b>- 193.90</b>
A. Menarini - Zenit RA	16	16	0	189.01	11.00	- 250.00
AESKU	6	6	0	129.55	75.90	- 231.00
Alpha Dia	1	1	0	37.00	37.00	- 37.00
Diasorin	1	1	0	13.00	13.00	- 13.00
Eurodiagnostica Diastat	1	1	0	27.40	27.40	- 27.40
Eurodiagnostica Weislab	3	3	0	43.93	16.00	- 72.80
Eurodiagnostica Weislab Capture	11	11	0	53.94	12.90	- 79.00
Euroimmun	18	17	1	79.69	50.50	- 108.00
Genesis	1	1	0	1.17	1.17	- 1.17
In House	1	1	0	14.00	14.00	- 14.00
Inova	16	16	0	49.64	25.70	- 78.40
Inova QUANTA Flash	32	31	1	88.22	28.20	- 159.90
Luminex Tech. - Bio-Rad Bioplex 2200	2	2	0	3.55	3.50	- 3.60
Luminex Tech. - THERADIAG (BMD)	3	3	0	133.00	117.00	- 143.00
ORGenTec	13	13	0	35.88	12.80	- 123.70
ORGenTec Alegria	15	15	0	90.56	7.60	- 193.90
Other ...	4	3	1	43.03	0.00	- 93.00
Phadia 100 EliA	2	2	0	10.75	10.50	- 11.00
Phadia 1000/2500 EliA	10	10	0	12.99	10.00	- 17.00
Phadia 250 EliA	67	64	3	13.51	9.40	- 19.00
Trinity Biotech	1	1	0	3.25	3.25	- 3.25
Wieslab	1	0	1	0.00	0.00	- 0.00
<b>OTHER UNITS</b>	<b>224</b>	<b>224</b>	<b>0</b>	<b>64.70</b>	<b>0.00</b>	<b>- 150.00</b>
Aeskulisa PR3 Sensitive	1	1	0	131.00	131.00	- 131.00
Alpha Dia	4	4	0	27.17	23.00	- 33.00
D-tek	5	5	0	39.14	1.00	- 88.57
Euroimmun	8	8	0	32.83	0.00	- 120.00
Euroimmun PR3-hn-hr	2	2	0	90.50	71.00	- 110.00
Inova QUANTA Flash	19	19	0	131.71	107.70	- 150.00
Luminex Tech. - Bio-Rad Bioplex 2200	36	36	0	3.72	3.30	- 4.20
ORGenTec	1	1	0	4.00	4.00	- 4.00
Orgentec PR3 hs	2	2	0	108.85	81.00	- 136.70
Other ...	5	5	0	97.56	1.00	- 416.00
Phadia 100 EliA (PR3S)	3	3	0	11.67	11.00	- 13.00
Phadia 250 EliA (PR3S)	138	138	0	13.84	5.40	- 23.00

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

# ANCA and GBM - Sample 184-2

**Distribution :** 184

**July 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>230</b>	<b>2</b>	<b>228</b>	<b>0.81</b>	<b>0.00</b>	<b>-</b>	<b>7.59</b>
A. Menarini - Zenit RA	16	0	16	0.52	0.00	-	1.40
AESKU	6	0	6	1.30	1.00	-	2.40
Alpha Dia	1	0	1	0.00	0.00	-	0.00
Diasorin	1	0	1	1.00	1.00	-	1.00
Eurodiagnostica Diastat	1	0	1	0.46	0.46	-	0.46
Eurodiagnostica Weislab	3	0	3	0.19	0.00	-	0.57
Eurodiagnostica Weislab Capture	10	0	10	0.23	0.00	-	0.60
Euroimmun	19	0	19	1.08	0.00	-	2.00
Genesis	1	0	1	0.04	0.04	-	0.04
In House	3	1	2	30.50	4.00	-	57.00
Inova	15	0	15	1.62	0.50	-	3.00
Inova QUANTA Flash	32	1	31	1.96	0.00	-	3.30
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	18	0	18	0.46	0.00	-	1.20
ORGenTec Alegria	16	0	16	0.98	0.90	-	1.00
Other ...	4	0	4	1.75	0.00	-	3.00
Phadia 100 EliA	2	0	2	0.00	0.00	-	0.00
Phadia 1000/2500 EliA	10	0	10	0.18	0.00	-	0.40
Phadia 250 EliA	66	0	66	0.14	0.00	-	0.30
Trinity Biotech	1	0	1	0.47	0.47	-	0.47
<b>OTHER UNITS</b>	<b>220</b>	<b>0</b>	<b>220</b>	<b>0.70</b>	<b>0.00</b>	<b>-</b>	<b>3.20</b>
Alpha Dia	4	0	4	0.17	0.00	-	1.00
D-tek	5	0	5	0.31	0.00	-	0.93
Euroimmun	9	0	9	0.67	0.00	-	2.00
Inova QUANTA Flash	19	0	19	2.65	0.30	-	3.20
Luminex Tech. - Bio-Rad Bioplex 2200	36	0	36	0.20	0.20	-	0.20
ORGenTec	1	0	1	0.00	0.00	-	0.00
Other ...	5	0	5	44.70	0.00	-	222.00
Phadia 100 EliA (MPOS)	2	0	2	0.20	0.20	-	0.20
Phadia 250 EliA (MPOS)	139	0	139	0.12	0.00	-	0.30

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

# ANCA and GBM - Sample 184-2

**Distribution :** 184

**July 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>280</b>	<b>2</b>	<b>278</b>	<b>1.02</b>	<b>0.00</b>	<b>-</b>	<b>10.10</b>
A. Menarini - Zenit RA	9	0	9	0.00	0.00	-	0.00
AESKU	3	0	3	1.07	0.72	-	1.50
Eurodiagnostica Weislab	10	0	10	0.76	0.00	-	2.07
Euroimmun	7	0	7	1.03	0.00	-	2.00
In House	1	0	1	0.00	0.00	-	0.00
Inova	7	0	7	1.42	0.86	-	3.30
Inova QUANTA Flash	19	0	19	1.97	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	0.00	0.00	-	0.00
ORGenTec	9	0	9	2.73	0.30	-	6.00
ORGenTec Alegria	19	0	19	1.27	0.10	-	3.00
Other ...	4	0	4	1.68	0.00	-	3.00
Phadia 100 EliA	6	0	6	0.24	0.00	-	0.80
Phadia 1000/2500 EliA	10	0	10	0.73	0.00	-	1.10
Phadia 250 EliA	169	2	167	0.55	0.00	-	2.00
Wieslab	2	0	2	3.30	1.60	-	5.00
<b>OTHER UNITS</b>	<b>81</b>	<b>0</b>	<b>81</b>	<b>0.62</b>	<b>0.00</b>	<b>-</b>	<b>3.00</b>
Alpha Dia	5	0	5	0.18	0.00	-	0.90
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	0.61	0.00	-	2.00
Inova QUANTA Flash	16	0	16	2.64	0.90	-	3.00
Luminex Tech. - Bio-Rad Bioplex 2200	31	0	31	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	42.00	0.00	-	126.00
Wieslab	2	0	2	0.58	0.15	-	1.00

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