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### UK NEQAS for General Autoimmune Serology

Distribution : 183

May 2018

Participant : 94317

825 out of 915 participants returned data for this distribution. 90% response rate.

#### Nil Responses

10020B, 10020C, 10173, 10288A, 10531A, 10707A, 10711, 11095, 11599A, 11690, 11717, 11779, 11947, 12178, 12187, 12208A, 13923, 14040A, 14064A, 14416A, 14421, 14425B, 14575, 14579, 14605, 14605A, 14627A, 14640, 14805B, 14873B, 14884, 15126, 22011, 90280, 90422, 90559, 90902, 90939, 91051, 91087, 91343, 91396, 91435, 91596, 91603, 91624, 91666, 91902, 91902A, 91903B, 91903, 91903A, 91903C, 92323, 92700, 92737, 92925, 93028A, 93354, 93472, 94030, 94100, 94107, 94255, 94331, 94510, 94647, 94650, 94677, 94931, 94951B, 95042, 95153, 95285, 95304, 95336, ANAND, ORG\_G, ORG\_A, KRIT, ORG, BIOG, INFO, CODEX, TVN, SEQC, VAR, DEKS, NOKLUS, YVSOLAB

**Sample 183-0** was a pooled normal human donor serum.

**Sample 183-1** was a pooled normal human donor serum.

**Sample 183-2** was a single donor serum from a patient with active thyroiditis of unknown aetiology.

**Sample 183-3** was a pooled normal human donor serum.

**Sample 183-4** was a pooled normal human donor serum.

**Sample 183-5** was a single donor serum from a patient with pernicious anaemia.

Sample	Analyte	Positive	Negative	Target Response	Your Response	Score	OMIS
183-0	Citrullinated Proteins	5	405	Negative	Negative	0	0
183-1	Rheumatoid Factor	12	345	Negative	No Response	0	0
183-2	Thyroid Microsome Antibody/TPO	319	10	Positive	No Response	0	0
183-3	TSH Receptor Antibody/TRAb	5	117	Negative	No Response	0	0
183-4	ANA (nuclear, cytoplasmic, mitotic)	56	238	Negative	Negative	N/A	N/A
183-4	Mitochondrial Antibody	4	403	Negative	Negative	0	0
183-4	LKM-1 Antibody	1	386	Negative	Negative	0	0
183-4	Smooth Muscle Antibody	6	371	Negative	Negative	0	0
183-5	Gastric Parietal Cell Antibody	281	21	Positive	Positive	0	0
<b>Total MIS</b>							<b>0</b>

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, 10745, 13944, 14206, 14481) were in agreement in providing the target responses.

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

OMIS now includes a full running window over 12 months of returns.

The categories of performance are:

	<b>Total MIS</b>
 Good	Zero
 Adequate	1-2
 Poor	>2

A OMIS of 2 or more (out of a possible six in the defined time window) for any one analyte will also be classified as poor performance.

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

If laboratories require further assistance please contact the centre.

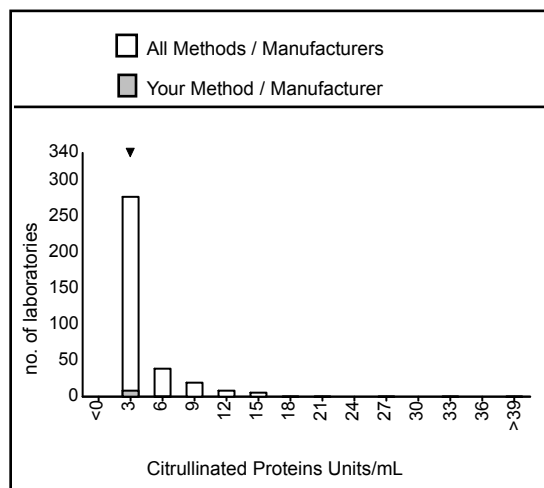
# Citrullinated Proteins Response for Sample 183-0

Distribution : 183	May 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer
<b>Your Response:</b>	Negative	2.9	Units/ml	Enzyme Immunoassay/ELISA	Phadia 1000/2500 EliA

	Returns	Positive	Negative	Mean	Observed Range
<b>CHEMILUMINESCENCE (UNITS/ML)</b>	<b>97</b>	<b>2</b>	<b>93</b>	<b>2</b>	<b>0 12</b>
A. Menarini - Zenit RA	22	0	22	0	0 1
Abbott	20	1	18	1	1 4
Inova QUANTA Flash	21	0	21	4	1 12
Other ...	7	0	7	1	0 1
Roche	27	1	25	7	0 12
<b>ENZYME IMMUNOASSAY/ELISA (UNITS/ML)</b>	<b>285</b>	<b>3</b>	<b>275</b>	<b>4</b>	<b>0 238</b>
A. Menarini - Zenit EIA	2	0	2	4	0 7
AESKU	6	0	6	2	0 5
Axis Shield/Diastat	1	0	1	0	0 0
Euro Diagnostica	11	0	10	10	1 25
Euroimmun	9	0	9	1	1 1
Genesis	1	0	1	2	2 2
Inova 2nd Generation	3	0	3	8	6 10
Inova 3rd Generation	27	1	26	8	0 31
ORGenTec (CCP hs)	3	0	3	10	6 14
ORGenTec (MCV)	5	1	3	12	8 20
ORGenTec Alegria (CCP hs)	2	0	2	2	2 2
Other ...	3	0	3	11	4 17
Phadia 100 EliA	3	0	3	3	2 3
Phadia 1000/2500 EliA	11	0	11	3	2 4
Phadia 250 EliA	198	1	192	4	0 238
<b>LUMINEX TECHNOLOGY (UNITS/ML)</b>	<b>25</b>	<b>0</b>	<b>25</b>	<b>1</b>	<b>1 2</b>
Luminex Tech. - Bio-Rad Bioplex 2200	25	0	25	1	1 2
<b>NOT STATED (NOT STATED)</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>5</b>	<b>5 5</b>
Not Stated	2	0	1	5	5 5
<b>OTHER ... (UNITS/ML)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>10</b>	<b>10 10</b>
Other ...	1	0	1	10	10 10
<b>OTHER ... (OTHER ...)</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>0 13</b>
Other ...	4	0	4	4	0 13

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



**Your Method:** Enzyme Immunoassay/ELISA  
**Your Manufacturer:** Phadia 1000/2500 EliA  
**Your Result:** 2.9  
**Your Unit:** Units/ml

# Rheumatoid Factor Response for Sample 183-1

Distribution : 183	May 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer
<b>Your Response:</b>	None	None	None	None	None

	Returns	Positive	Negative	Mean	Observed Range	
<b>AGGLUTINATION (TITRE)</b>						
<b>Latex Agglutination</b>	<b>6</b>	<b>0</b>	<b>6</b>	<b>10</b>	<b>0</b>	<b>40</b>
Axis Shield/Diastat	1	0	1			
Fujirebo/Mast	2	0	2	20	0	40
Other ...	2	0	2	4	0	8
Siemens Behring	1	0	1	1	1	1
<b>Particle Agglutination</b>	<b>5</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>
Fujirebo/Mast	5	0	4	0	0	0
<b>AGGLUTINATION (IU/ML)</b>						
<b>Latex Agglutination</b>	<b>19</b>	<b>1</b>	<b>17</b>	<b>10</b>	<b>0</b>	<b>40</b>
Beckman	4	0	3	6	6	6
Biokit	11	0	11	10	0	40
Other ...	2	0	2			
Siemens Behring	2	1	1	13	13	13
<b>CHEMILUMINESCENCE (IU/ML)</b>						
<b>Other ...</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>8</b>	<b>6</b>	<b>10</b>
Other ...	1	0	1	10	10	10
Roche	2	0	2	6	6	6

# Rheumatoid Factor Response for Sample 183-1

Distribution : 183	May 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer
<b>Your Response:</b>	None	None	None	None	None

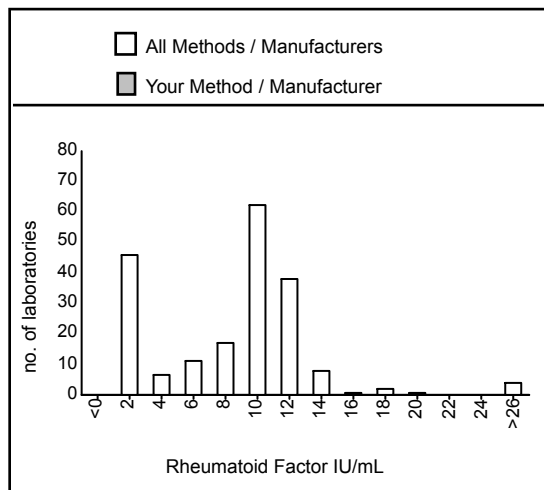
	Returns	Positive	Negative	Mean	Observed Range	
<b>ENZYME IMMUNOASSAY/ELISA (IU/ML)</b>	<b>62</b>	<b>1</b>	<b>60</b>	<b>3</b>	<b>0</b>	<b>25</b>
AESKU	3	0	3	1	1	2
CLS AUTOZYME	1	0	1	5	5	5
Euroimmun	2	1	1	22	18	25
Immco	1	0	1	14	14	14
In House	2	0	2	8	8	8
Inova	13	0	13	2	1	5
ORGenTec	7	0	7	6	0	17
ORGenTec Alegria	4	0	4	1	1	1
Other ...	2	0	2	13	13	13
Phadia 100 EliA	1	0	1	2	2	2
Phadia 250 EliA	26	0	25	1	1	5
<b>LATEX ENHANCED TURBIDIMETRY (IU/ML)</b>	<b>133</b>	<b>9</b>	<b>121</b>	<b>10</b>	<b>0</b>	<b>43</b>
Abbott	30	2	28	18	0	43
Beckman	13	2	11	9	4	15
Olympus	5	0	5	8	7	8
Ortho Vitros	3	0	3			
Other ...	3	0	3	9	9	9
Randox	3	2	0	11	9	13
Roche	62	2	59	10	5	11
Siemens Behring	14	1	12	10	5	12
<b>LUMINEX TECHNOLOGY (IU/ML)</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>6</b>	<b>5</b>	<b>6</b>
Luminex Tech. - THERADIAG (BMD)	2	0	2	6	5	6
<b>NEPHELOMETRY (IU/ML)</b>	<b>65</b>	<b>1</b>	<b>62</b>	<b>10</b>	<b>0</b>	<b>20</b>
Beckman	8	0	8	11	1	20
Siemens Behring	57	1	54	10	0	13
<b>NOT STATED (NOT STATED)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
Not Stated	1	0	1	1	1	1
<b>OTHER ... (IU/ML)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>7</b>	<b>7</b>	<b>7</b>
Other ...	1	0	1	7	7	7
<b>TURBIDIMETRY (IU/ML)</b>	<b>66</b>	<b>0</b>	<b>66</b>	<b>9</b>	<b>2</b>	<b>12</b>
Beckman	11	0	11	7	2	10
Other ...	4	0	4	5	3	8
Roche	44	0	44	9	4	12
SMS Diag.Ltd.	7	0	7	10	10	11

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

# Rheumatoid Factor Response for Sample 183-1

Distribution : 183	May 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer
<b>Your Response:</b>	None	None	None	None	None



**Your Method:**  
**Your Manufacturer:**  
**Your Result:**  
**Your Unit:**

# Thyroid Peroxidase/Microsome Antibody Response for Sample 183-2

Distribution : 183	May 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer
<b>Your Response:</b>	None	None	None	None	None

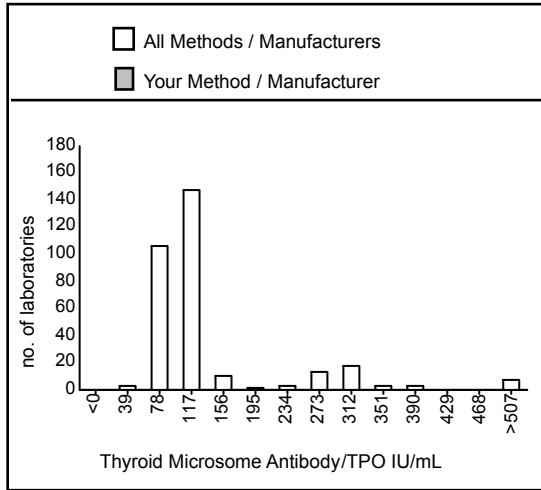
	Returns	Positive	Negative	Mean	Observed Range	
<b>AGGLUTINATION (TITRE)</b>						
<b>Passive Haemagglutination</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>400</b>	<b>400</b>	<b>400</b>
Murex	1	1	0	400	400	400
<b>CHEMILUMINESCENCE (IU/ML)</b>						
	<b>215</b>	<b>211</b>	<b>0</b>	<b>134</b>	<b>26</b>	<b>2747</b>
Abbott	36	35	0	86	37	183
Beckman	31	29	0	61	26	75
Brahms Diagnostica	3	3	0	255	63	363
Centaur - SMS Diag. Ltd.	35	34	0	355	231	2747
Diasorin	5	5	0	95	82	103
Immulite 2000-SMS Diag. Ltd	20	20	0	76	57	92
Immulite-SMS Diag. Ltd	2	2	0	106	87	124
Other ...	5	5	0	116	44	357
Roche	78	78	0	102	75	198
<b>ENZYME IMMUNOASSAY/ELISA (IU/ML)</b>						
	<b>109</b>	<b>97</b>	<b>9</b>	<b>104</b>	<b>11</b>	<b>566</b>
Abbott	5	5	0	85	75	89
AESKU	4	3	1	125	11	225
Euroimmun	7	5	2	62	43	79
Genesis	1	1	0	102	102	102
Hycor Biomedical	1	1	0	83	83	83
Immco	1	1	0	133	133	133
Inova	7	7	0	454	328	566
ORGenTec	16	13	2	78	55	120
ORGenTec Alegria	4	3	1	66	59	74
Other ...	3	3	0	83	59	107
Phadia 250 EliA	32	30	1	79	18	284
Phadia ImmunoCAP 250	23	20	2	72	51	88
Phadia Varelisa	1	1	0	77	77	77
Roche	4	4	0	92	82	104
<b>INDIRECT IMMUNOFLUORESCENCE (TITRE)</b>						
	<b>3</b>	<b>2</b>	<b>1</b>	<b>31</b>	<b>20</b>	<b>40</b>
Euroimmun	1	1	0	32	32	32
Other ...	2	1	1	30	20	40
<b>LUMINEX TECHNOLOGY (IU/ML)</b>						
	<b>1</b>	<b>1</b>	<b>0</b>	<b>481</b>	<b>481</b>	<b>481</b>
Luminex Tech. - THERADIAG (BMD)	1	1	0	481	481	481
<b>NOT STATED (NOT STATED)</b>						
	<b>1</b>	<b>1</b>	<b>0</b>	<b>166</b>	<b>166</b>	<b>166</b>
Not Stated	1	1	0	166	166	166
<b>OTHER ... (IU/ML)</b>						
	<b>2</b>	<b>2</b>	<b>0</b>	<b>211</b>	<b>62</b>	<b>359</b>
Other ...	2	2	0	211	62	359
<b>OTHER ... (OTHER ...)</b>						
	<b>3</b>	<b>2</b>	<b>0</b>	<b>77</b>	<b>77</b>	<b>77</b>
Other ...	3	2	0	77	77	77
<b>RADIOIMMUNOASSAY(RIA) (IU/ML)</b>						
	<b>1</b>	<b>1</b>	<b>0</b>	<b>122</b>	<b>122</b>	<b>122</b>
RSR	1	1	0	122	122	122

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

# Thyroid Peroxidase/Microsome Antibody Response for Sample 183-2

Distribution : 183	May 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer
<b>Your Response:</b>	None	None	None	None	None



**Your Method:**  
**Your Manufacturer:**  
**Your Result:**  
**Your Unit:**



## TSH Receptor Antibody Response for Sample 183-3

Distribution : 183	May 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer
<b>Your Response:</b>	None	None	None	None	None

	Returns	Positive	Negative	Mean	Observed Range
<b>CHEMILUMINESCENCE (IU/L)</b>	<b>53</b>	<b>0</b>	<b>53</b>	<b>0.6</b>	<b>0.0 1.3</b>
Brahms Diagnostica	9	0	9	0.3	0.2 0.3
Other ...	2	0	2	1.1	1.1 1.1
Roche	40	0	40	0.6	0.0 1.3
SMS Diag.Ltd.	2	0	2	0.2	0.2 0.2
<b>CHEMILUMINESCENCE (U/L)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0.1</b>	<b>0.1 0.1</b>
Other ...	1	0	1	0.1	0.1 0.1
<b>ENZYME IMMUNOASSAY/ELISA (IU/L)</b>	<b>27</b>	<b>1</b>	<b>26</b>	<b>0.8</b>	<b>0.0 2.7</b>
A. Menarini - Zenit EIA	2	0	2	1.2	1.1 1.3
Euroimmun	7	0	7	0.4	0.0 1.2
Euroimmun - Fast	5	1	4	0.5	0.1 1.1
Medipan - Medizym	1	0	1	0.1	0.1 0.1
Other ...	2	0	2	0.3	0.1 0.5
Phadia 250 EliA	10	0	10	1.4	0.0 2.7
<b>ENZYME IMMUNOASSAY/ELISA (U/L)</b>	<b>28</b>	<b>4</b>	<b>24</b>	<b>0.5</b>	<b>0.1 2.1</b>
DRG International Inc.	1	0	1	0.6	0.6 0.6
RSR Ltd. - 2nd Generation	5	0	5	0.8	0.1 2.1
RSR Ltd. - 3rd Generation	16	3	13	0.4	0.1 0.8
RSR Ltd. - Fast	6	1	5	0.8	0.1 1.4
<b>OTHER ... (OTHER ...)</b>	<b>1</b>	<b>0</b>	<b>1</b>		
Other ...	1	0	1		
<b>RADIOIMMUNOASSAY(RIA) (IU/L)</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>0.0</b>	<b>0.0 0.0</b>
Brahms Diagnostica	2	0	2		
Medipan -SELco	1	0	1	0.0	0.0 0.0
Other ...	1	0	1		
<b>RADIOIMMUNOASSAY(RIA) (U/L)</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>1.2</b>	<b>0.5 2.0</b>
Other ...	1	0	1	2.0	2.0 2.0
RSR Ltd.	2	0	2	0.5	0.5 0.5
<b>RIA - CT (U/L)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1.1</b>	<b>1.1 1.1</b>
RSR Ltd.	1	0	1	1.1	1.1 1.1

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

## Liver Disease Antibodies Response for Sample 183-4

Distribution : 183	May 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer	Substrate
<b>Your Response:</b>	Negative	None	Titre	Indirect Immunofluorescence	Medica	Hep2

### ANTI NUCLEAR ANTIBODY (nuclear, cytoplasmic, mitotic)

Pattern Source	Pattern Category (ICAP)	Count
<b>Nuclear</b>	<b>Speckled (AC-2, AC-4, AC-5, AC-29)</b>	<b>18</b>
Nuclear	Dense fine speckled (AC-2)	1
Nuclear	Fine speckled (AC-4)	5
<b>Cytoplasmic</b>	<b>Speckled (AC-18, AC-19, AC-20)</b>	<b>1</b>
Cytoplasmic	Fine speckled (AC-20)	1
Other		2
Negative	Negative (AC-0)	48

	Returns	Positive	Negative	Mean	Observed Range	
<b>Indirect Immunofluorescence</b>	<b>335</b>	<b>43</b>	<b>236</b>	<b>91</b>	<b>0</b>	<b>640</b>
<b>Rat Tissue</b>	<b>179</b>	<b>17</b>	<b>121</b>	<b>78</b>	<b>0</b>	<b>160</b>
A. Menarini - Zenit EIA	9	1	6	100	40	160
BioDiagnostics	8	0	6	40	40	40
Bio-Rad/Kallestad/Sanofi	22	2	15	97	20	160
Biosystems	20	2	15	74	0	160
Diasorin	3	0	2			
Euroimmun	49	6	34	94	10	160
Immunoconcepts	6	0	3	80	80	80
In House	2	0	2	0	0	0
Inova	57	6	35	61	0	160
Other ...	3	0	3			
<b>Mouse Tissue</b>	<b>70</b>	<b>6</b>	<b>50</b>	<b>81</b>	<b>20</b>	<b>160</b>
A. Menarini - Zenit EIA	5	0	5			
BioDiagnostics	2	0	1			
Euroimmun	8	1	3	103	50	160
Immco	13	1	11	75	20	160
In House	1	0	1			
Inova	39	3	28	73	40	80
Other ...	2	1	1	80	80	80
<b>Hep2</b>	<b>77</b>	<b>18</b>	<b>58</b>	<b>113</b>	<b>0</b>	<b>640</b>
A. Menarini - Zenit EIA	1	0	1			
AESKU	15	1	14	100	80	160
Bio-Rad/Kallestad/Sanofi	12	2	9	208	0	640
Euroimmun	17	8	9	103	0	160
Immunoconcepts	2	0	2	80	80	80
In House	1	0	1	80	80	80
Inova	20	4	16	80	0	160
MBL- BION	1	0	1	80	80	80
Medica	3	1	2	80	80	80
ORGenTec	1	1	0	160	160	160
Other ...	3	1	2	160	160	160
ZEUS	1	0	1			
<b>Hep2000</b>	<b>5</b>	<b>1</b>	<b>4</b>	<b>120</b>	<b>80</b>	<b>160</b>
Immunoconcepts	5	1	4	120	80	160
<b>Other ...</b>	<b>4</b>	<b>1</b>	<b>3</b>	<b>41</b>	<b>1</b>	<b>80</b>
Bio-Rad/Kallestad/Sanofi	1	0	1			
Immunoconcepts	1	0	1	80	80	80
Medica	1	0	1			
Other ...	1	1	0	1	1	1

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

## Liver Disease Antibodies Response for Sample 183-4

Distribution : 183	May 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer	Substrate
<b>Your Response:</b>	Negative	None	Titre	Indirect Immunofluorescence	Medica	Hep2

### ANTI NUCLEAR ANTIBODY (nuclear, cytoplasmic, mitotic)

	Returns	Positive	Negative	Mean	Observed Range
<b>Enzyme Immunoassay/ELISA</b>	<b>17</b>	<b>12</b>	<b>0</b>	<b>57</b>	<b>2 146</b>
<b>(IU/ml)</b>	<b>11</b>	<b>7</b>	<b>0</b>	<b>87</b>	<b>2 146</b>
A. Menarini - Zenit EIA	2	1	0	54	54 54
Diasorin	1	1	0	2	2 2
Hycor Biomedical	1	1	0	56	56 56
Inova	4	4	0	125	90 146
ORGenTec Alegria	1	0	0		
Other ...	2	0	0		
<b>(Ratio)</b>	<b>5</b>	<b>5</b>	<b>0</b>	<b>5</b>	<b>3 6</b>
Phadia 250 EliA	1	1	0	3	3 3
Phadia 250 EliA (CTD)	4	4	0	5	5 6
<b>(Index)</b>	<b>1</b>	<b>0</b>	<b>0</b>		
AESKU	1	0	0		
<b>Chemiluminescence</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>3 3</b>
<b>(Index)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>3 3</b>
A. Menarini - Zenit RA	1	1	0	3	3 3
<b>Other ...</b>	<b>3</b>	<b>0</b>	<b>0</b>		
<b>(IU/ml)</b>	<b>1</b>	<b>0</b>	<b>0</b>		
Other ...	1	0	0		
<b>(Other ...)</b>	<b>2</b>	<b>0</b>	<b>0</b>		
Other ...	2	0	0		

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

# Liver Disease Antibodies Response for Sample 183-4

Distribution : 183	May 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer	Substrate
<b>Your Response:</b>	Negative	None	Titre	Indirect Immunofluorescence	Medica	Rat Tissue

## MITOCHONDRIAL ANTIBODY

	Returns	Positive	Negative	Mean	Observed Range
<b>Immunoblotting</b>	<b>13</b>	<b>0</b>	<b>13</b>		
<b>(Not Applicable)</b>	<b>12</b>	<b>0</b>	<b>12</b>		
Alpha Dia	3	0	3		
Euroimmun	9	0	9		
<b>(AU)</b>	<b>1</b>	<b>0</b>	<b>1</b>		
Alpha Dia	1	0	1		
<b>Indirect Immunofluorescence</b>	<b>348</b>	<b>4</b>	<b>339</b>	<b>42</b>	<b>0 160</b>
<b>(Titre)</b>	<b>347</b>	<b>4</b>	<b>338</b>	<b>42</b>	<b>0 160</b>
A. Menarini - Zenit EIA	15	0	15	40	40 40
AESKU	14	0	14	43	40 50
Alpha Dia	1	0	1		
Biocientifica	10	1	9	40	40 40
BioDiagnostics	11	0	11	40	40 40
Bio-Rad/Kallestad/Sanofi	36	1	35	50	20 160
Biosystems	23	1	22	36	0 80
Diasorin	3	0	2		
Euroimmun	69	0	67	60	0 160
Immco	18	0	18	30	20 40
Immunoconcepts	6	0	6	33	20 40
In House	5	0	5	0	0 0
Inova	114	0	112	37	0 80
Medica	13	0	13	27	0 40
ORGenTec	1	0	1		
Other ...	7	1	6	40	0 80
Palex Diagnostica	1	0	1		
<b>(Other ...)</b>	<b>1</b>	<b>0</b>	<b>1</b>		
Other ...	1	0	1		
<b>Enzyme Immunoassay/ELISA</b>	<b>38</b>	<b>0</b>	<b>38</b>	<b>3</b>	<b>0 11</b>
<b>(IU/ml)</b>	<b>34</b>	<b>0</b>	<b>34</b>	<b>3</b>	<b>0 11</b>
Euroimmun	4	0	4	4	2 7
Hycor Biomedical	1	0	1	1	1 1
Inova	5	0	5	9	7 11
ORGenTec Alegria	4	0	4	1	1 2
Other ...	7	0	7	3	0 9
Phadia 100/250 EliA	13	0	13	2	1 2
<b>(Units/ml)</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>3 5</b>
AESKU	2	0	2	4	3 5
<b>(Other ...)</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>6</b>	<b>1 10</b>
Other ...	2	0	2	6	1 10
<b>Other ...</b>	<b>5</b>	<b>0</b>	<b>5</b>	<b>2</b>	<b>0 7</b>
<b>(Other ...)</b>	<b>5</b>	<b>0</b>	<b>5</b>	<b>2</b>	<b>0 7</b>
Other ...	5	0	5	2	0 7
<b>Not Stated</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>3 3</b>
<b>(Not Stated)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>3 3</b>
Not Stated	1	0	1	3	3 3

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

# Liver Disease Antibodies Response for Sample 183-4

Distribution : 183	May 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer	Substrate
<b>Your Response:</b>	Negative	None	Titre	Indirect Immunofluorescence	Medica	Rat Tissue

## LKM-1 ANTIBODY

	Returns	Positive	Negative	Mean	Observed Range
<b>Immunoblotting</b>	<b>17</b>	<b>0</b>	<b>17</b>	<b>0</b>	<b>0 0</b>
<b>(Not Applicable)</b>	<b>16</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>0 0</b>
Alpha Dia	3	0	3		
Euroimmun	10	0	10		
Other ...	3	0	3	0	0 0
<b>(AU)</b>	<b>1</b>	<b>0</b>	<b>1</b>		
Alpha Dia	1	0	1		
<b>Indirect Immunofluorescence</b>	<b>345</b>	<b>1</b>	<b>337</b>	<b>40</b>	<b>0 160</b>
<b>(Titre)</b>	<b>344</b>	<b>1</b>	<b>336</b>	<b>40</b>	<b>0 160</b>
A. Menarini - Zenit EIA	15	0	15	40	40 40
AESKU	15	0	15	43	40 50
Alpha Dia	1	0	1		
Biocientifica	10	0	10	40	40 40
BioDiagnostics	11	0	11	40	40 40
Bio-Rad/Kallestad/Sanofi	35	0	35	38	0 160
Biosystems	23	1	22	36	0 80
Diasorin	3	0	2		
Euroimmun	70	0	67	60	0 160
Immco	17	0	17	27	20 40
Immunoconcepts	6	0	6	33	20 40
In House	5	0	5	0	0 0
Inova	111	0	108	35	0 80
Medica	13	0	13	27	0 40
ORGenTec	1	0	1		
Other ...	7	0	7	40	0 80
Palex Diagnostica	1	0	1		
<b>(Other ...)</b>	<b>1</b>	<b>0</b>	<b>1</b>		
Other ...	1	0	1		
<b>Enzyme Immunoassay/ELISA</b>	<b>22</b>	<b>0</b>	<b>17</b>	<b>2</b>	<b>0 10</b>
<b>(IU/ml)</b>	<b>17</b>	<b>0</b>	<b>13</b>	<b>2</b>	<b>0 10</b>
Euroimmun	2	0	2	2	2 2
Hycor Biomedical	2	0	0		
Inova	6	0	6	3	1 10
ORGenTec Alegria	3	0	2	2	2 3
Other ...	4	0	3	1	0 2
<b>(Units/ml)</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1 1</b>
AESKU	2	0	1	1	1 1
<b>(Other ...)</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>2 2</b>
Other ...	3	0	3	2	2 2
<b>Other ...</b>	<b>5</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>0 4</b>
<b>(Other ...)</b>	<b>5</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>0 4</b>
Other ...	5	0	4	1	0 4
<b>Not Stated</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>1 1</b>
<b>(Not Stated)</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>1 1</b>
Not Stated	4	0	3	1	1 1

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

# Liver Disease Antibodies Response for Sample 183-4

Distribution : 183	May 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer	Substrate
<b>Your Response:</b>	Negative	None	Titre	Indirect Immunofluorescence	Medica	Rat Tissue

## SMOOTH MUSCLE ANTIBODY

	Returns	Positive	Negative	Mean	Observed Range
<b>Immunoblotting</b>	<b>7</b>	<b>0</b>	<b>7</b>		
<b>(Not Applicable)</b>	<b>6</b>	<b>0</b>	<b>6</b>		
Alpha Dia	3	0	3		
Other ...	3	0	3		
<b>(AU)</b>	<b>1</b>	<b>0</b>	<b>1</b>		
Alpha Dia	1	0	1		
<b>Indirect Immunofluorescence</b>	<b>358</b>	<b>6</b>	<b>347</b>	<b>45</b>	<b>0 160</b>
<b>(Titre)</b>	<b>357</b>	<b>6</b>	<b>346</b>	<b>45</b>	<b>0 160</b>
A. Menarini - Zenit EIA	15	0	15	40	40 40
AESKU	15	0	15	38	20 50
Alpha Dia	1	0	1		
Biocientifica	10	0	10	40	40 40
BioDiagnostics	11	0	11	40	40 40
Bio-Rad/Kallestad/Sanofi	38	0	38	44	0 160
Biosystems	23	1	22	36	0 80
Diasorin	4	0	3		
Euroimmun	71	3	66	74	0 160
Immco	18	0	18	40	20 80
Immunoconcepts	6	0	6	33	20 40
In House	6	0	6	10	0 20
Inova	117	2	113	36	0 80
Medica	13	0	13	40	0 80
ORGenTec	1	0	1		
Other ...	7	0	7	40	0 80
Palex Diagnostica	1	0	1		
<b>(Other ...)</b>	<b>1</b>	<b>0</b>	<b>1</b>		
Other ...	1	0	1		
<b>Enzyme Immunoassay/ELISA</b>	<b>14</b>	<b>0</b>	<b>9</b>	<b>27</b>	<b>0 160</b>
<b>(IU/ml)</b>	<b>12</b>	<b>0</b>	<b>8</b>	<b>28</b>	<b>0 160</b>
Hycor Biomedical	2	0	0		
Inova	5	0	4	51	12 160
ORGenTec Alegria	1	0	0		
Other ...	4	0	4	6	0 12
<b>(Units/ml)</b>	<b>1</b>	<b>0</b>	<b>0</b>		
AESKU	1	0	0		
<b>(Other ...)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>13</b>	<b>13 13</b>
Other ...	1	0	1	13	13 13
<b>Other ...</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0 0</b>
<b>(Other ...)</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0 0</b>
Other ...	2	0	1	0	0 0

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

# Anaemia Associated Antibodies Response for Sample 183-5

Distribution : 183	May 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer	Substrate
<b>Your Response:</b>	Positive	320	Titre	Indirect Immunofluorescence	Medica	Rat Tissue

## GASTRIC PARIETAL CELL ANTIBODY

	Returns	Positive	Negative	Mean	Observed Range	
<b>Immunoblotting</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
(Not Applicable)	3	2	1	1	1	1
Other ...	3	2	1	1	1	1
<b>Luminex Technology</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>9</b>	<b>9</b>	<b>9</b>
(Units/ml)	1	0	1	9	9	9
Luminex Tech. - THERADIAG (BMD)	1	0	1	9	9	9
<b>Indirect Immunofluorescence</b>	<b>258</b>	<b>246</b>	<b>8</b>	<b>251</b>	<b>10</b>	<b>2560</b>
(Titre)	258	246	8	251	10	2560
A. Menarini - Zenit EIA	9	7	2	400	80	640
AESKU	12	12	0	128	40	640
Alpha Dia	1	1	0	160	160	160
Biocientifica	4	4	0	133	80	160
BioDiagnostics	10	10	0	180	80	320
Bio-Rad/Kallestad/Sanofi	23	23	0	180	20	400
Biosystems	15	15	0	198	20	640
Diasorin	3	3	0	46	19	100
Euroimmun	47	43	2	402	10	2560
Immco	16	16	0	171	20	640
Immunoconcepts	4	4	0	300	80	640
In House	3	3	0			
Inova	98	93	3	248	20	1280
Medica	6	5	1	432	320	800
Other ...	6	6	0	120	40	160
Palex Diagnostica	1	1	0	160	160	160
<b>Enzyme Immunoassay/ELISA</b>	<b>33</b>	<b>25</b>	<b>8</b>	<b>27</b>	<b>10</b>	<b>97</b>
(IU/ml)	22	14	8	31	10	97
Euroimmun	7	7	0	62	32	97
ORGenTec	1	0	1	10	10	10
ORGenTec Alegria	5	5	0	11	10	13
Other ...	9	2	7	19	15	28
(Units/ml)	11	11	0	20	15	27
AESKU	1	1	0	27	27	27
Phadia 250 EliA	9	9	0	19	15	23
Phadia Varelisa	1	1	0	20	20	20
<b>Other ...</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>20</b>	<b>0</b>	<b>80</b>
(Other ...)	6	3	3	20	0	80
Other ...	6	3	3	20	0	80
<b>Not Stated</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>27</b>	<b>27</b>	<b>27</b>
(Not Stated)	1	1	0	27	27	27
Not Stated	1	1	0	27	27	27

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