

Email: [ukneqas@immqas.org.uk](mailto:ukneqas@immqas.org.uk)

Web Address: <https://www.immqas.org.uk>

### UK NEQAS for General Autoimmune Serology

Distribution : 186	October 2018	Participant : 94317
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831 out of 918 participants returned data for this distribution. 91% response rate.

#### Nil Responses

1540, 10020B, 10020C, 10072, 10083, 10258E, 10258D, 10258C, 10659A, 10668, 10707A, 10711, 11052, 11095, 11599A, 11690, 11717, 11779, 11947, 12204, 12207, 13923, 14043, 14184, 14371, 14575, 14578, 14599, 14605, 14605A, 14638, 14640, 14804, 14805A, 14805B, 14873B, 14880, 14884, 14886, 14896, 15048, 90177, 90280, 90413, 90856, 91539, 91593, 91666, 91903B, 91903C, 92323, 92342, 92349A, 92359, 92700, 92925, 93028A, 93150, 93472, 93580A, 94100, 94107, 94255, 94389, 94647, 94650, 94931, 95042, 95298, 95483, 95484, 95532, NOKLUS, YVSOLAB, ANAND, KRIT, ORG\_G, ORG\_A, GRI, ORG, BIOG, INFO, CODEX, TVN, SEQC, VAR, DEKS

**Sample 186-0** was an experimental sample and will not be subjected to misclassification scoring.

**Sample 186-1** was a single donor serum from a patient with rheumatoid arthritis (IgM)

**Sample 186-2** was an experimental sample and will not be subjected to misclassification scoring.

**Sample 186-3** was a single donor serum from a patient with Graves' disease.

**Sample 186-4** was a single donor serum from a patient with primary biliary cirrhosis undergoing plasmaphoresis.

**Sample 186-5** was a pooled normal human donor serum.

Sample	Analyte	Positive	Negative	Target Response	Your Response	Score	OMIS
186-0	Citrullinated Proteins	349	58	Equivocal	Positive	0	0
186-1	Rheumatoid Factor	345	3	Positive	No Response	0	0
186-2	Thyroid Microsome Antibody/TPO	331	3	Equivocal	No Response	0	0
186-3	TSH Receptor Antibody/TRAb	101	24	Positive	No Response	0	0
186-4	ANA (nuclear, cytoplasmic, mitotic)	132	163	Equivocal	Negative	N/A	N/A
186-4	Mitochondrial Antibody	404	4	Positive	Positive	0	0
186-4	LKM-1 Antibody	5	380	Negative	Negative	0	0
186-4	Smooth Muscle Antibody	0	369	Negative	Negative	0	0
186-5	Gastric Parietal Cell Antibody	8	293	Negative	Negative	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.

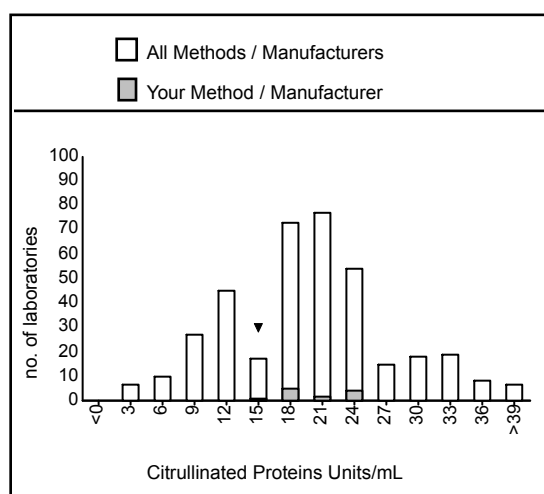
# Citrullinated Proteins Response for Sample 186-0

Distribution : 186	October 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer
<b>Your Response:</b>	Positive	13	Units/ml	Enzyme Immunoassay/ELISA	Phadia 1000/2500 EliA

	Returns	Positive	Negative	Mean	Observed Range	
<b>CHEMILUMINESCENCE (UNITS/ML)</b>	<b>97</b>	<b>64</b>	<b>32</b>	<b>13</b>	<b>0</b>	<b>33</b>
A. Menarini - Zenit RA	24	23	1	10	8	13
Abbott	18	17	0	10	9	12
Inova QUANTA Flash	21	17	4	22	5	33
Other ...	7	7	0	9	4	12
Roche	27	0	27	6	0	8
<b>ENZYME IMMUNOASSAY/ELISA (UNITS/ML)</b>	<b>279</b>	<b>250</b>	<b>23</b>	<b>19</b>	<b>2</b>	<b>71</b>
A. Menarini - Zenit EIA	3	3	0	20	11	38
AESKU	4	3	1	16	13	18
Axis Shield/Diastat	2	1	1	4	2	6
Euro Diagnostica	11	8	3	24	3	37
Euroimmun	9	8	1	8	6	10
Genesis	1	0	1	5	5	5
Inova 2nd Generation	3	3	0	26	22	32
Inova 3rd Generation	24	18	6	22	7	30
ORGenTec (CCP hs)	3	1	1	19	6	32
ORGenTec (MCV)	4	0	3	10	9	11
ORGenTec Alegria (CCP hs)	3	0	3	3	2	5
Other ...	3	2	1	35	17	71
Phadia 100 EliA	2	2	0	16	11	20
Phadia 1000/2500 EliA	12	12	0	19	13	24
Phadia 250 EliA	195	189	2	19	2	29
<b>LUMINEX TECHNOLOGY (UNITS/ML)</b>	<b>27</b>	<b>27</b>	<b>0</b>	<b>33</b>	<b>27</b>	<b>41</b>
Luminex Tech. - Bio-Rad Bioplex 2200	27	27	0	33	27	41
<b>OTHER ... (OTHER ...)</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>20</b>	<b>10</b>	<b>41</b>
Other ...	5	3	2	20	10	41

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



**Your Method:** Enzyme Immunoassay/ELISA  
**Your Manufacturer:** Phadia 1000/2500 EliA  
**Your Result:** 13  
**Your Unit:** Units/ml

# Rheumatoid Factor Response for Sample 186-1

Distribution : 186	October 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>6</b>	<b>0</b>	<b>678</b>	<b>0</b>	<b>2560</b>
Axis Shield/Diastat	1	1	0	160	160	160
Fujirebo/Mast	2	2	0	1280	0	2560
Other ...	2	2	0	672	64	1280
Siemens Behring	1	1	0	1	1	1
<b>Particle Agglutination</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>480</b>	<b>320</b>	<b>640</b>
Fujirebo/Mast	4	4	0	480	320	640
<b>AGGLUTINATION (IU/ML)</b>						
<b>Latex Agglutination</b>	<b>18</b>	<b>17</b>	<b>1</b>	<b>130</b>	<b>32</b>	<b>320</b>
Beckman	3	3	0	92	90	96
Biokit	10	10	0	159	80	320
Other ...	3	3	0	80	32	128
Siemens Behring	2	1	1	110	110	110
<b>CHEMILUMINESCENCE (IU/ML)</b>						
<b>Roche</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>90</b>	<b>90</b>	<b>90</b>
Roche	2	2	0	90	90	90

# Rheumatoid Factor Response for Sample 186-1

Distribution : 186	October 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer
<b>Your Response:</b>	None	None	None	None	None

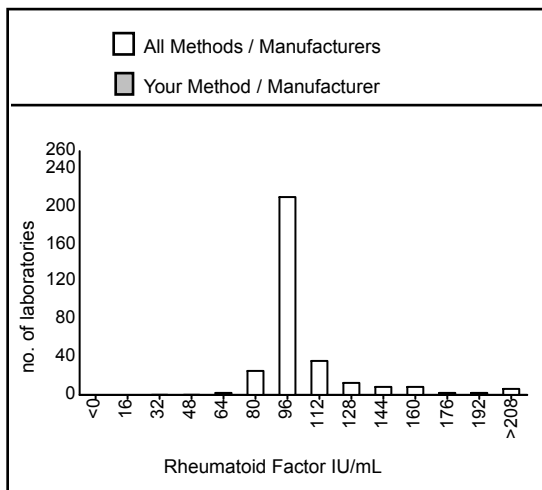
	Returns	Positive	Negative	Mean	Observed Range	
<b>ENZYME IMMUNOASSAY/ELISA (IU/ML)</b>	<b>62</b>	<b>60</b>	<b>0</b>	<b>120</b>	<b>42</b>	<b>742</b>
AESKU	3	3	0	104	81	128
CLS AUTOZYME	1	1	0	174	174	174
Euroimmun	2	2	0			
In House	2	2	0	131	94	168
Inova	11	11	0	283	100	742
ORGenTec	7	6	0	171	103	268
ORGenTec Alegria	3	3	0	197	189	207
Other ...	4	4	0	104	65	155
Phadia 100 EliA	1	1	0	73	73	73
Phadia 250 EliA	28	27	0	74	42	93
<b>LATEX ENHANCED TURBIDIMETRY (IU/ML)</b>	<b>131</b>	<b>127</b>	<b>0</b>	<b>93</b>	<b>78</b>	<b>185</b>
Abbott	30	28	0	90	84	96
Beckman	14	14	0	90	83	96
Olympus	4	4	0	91	90	92
Ortho Vitros	3	3	0	82	78	86
Other ...	2	2	0	105	100	110
Randox	4	4	0	127	107	185
Roche	60	60	0	88	80	95
Siemens Behring	14	12	0	120	91	146
<b>LUMINEX TECHNOLOGY (IU/ML)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>72</b>	<b>72</b>	<b>72</b>
Luminex Tech. - THERADIAG (BMD)	1	1	0	72	72	72
<b>NEPHELOMETRY (IU/ML)</b>	<b>61</b>	<b>58</b>	<b>2</b>	<b>97</b>	<b>73</b>	<b>142</b>
Beckman	8	8	0	121	92	142
Siemens Behring	53	50	2	93	73	113
<b>TURBIDIMETRY (IU/ML)</b>	<b>70</b>	<b>69</b>	<b>0</b>	<b>93</b>	<b>80</b>	<b>150</b>
Beckman	11	11	0	91	86	94
Other ...	5	5	0	94	80	122
Roche	47	46	0	88	81	95
SMS Diag.Ltd.	7	7	0	124	89	150

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

# Rheumatoid Factor Response for Sample 186-1

Distribution : 186	October 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 186-2

Distribution : 186	October 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer
<b>Your Response:</b>	None	None	None	None	None

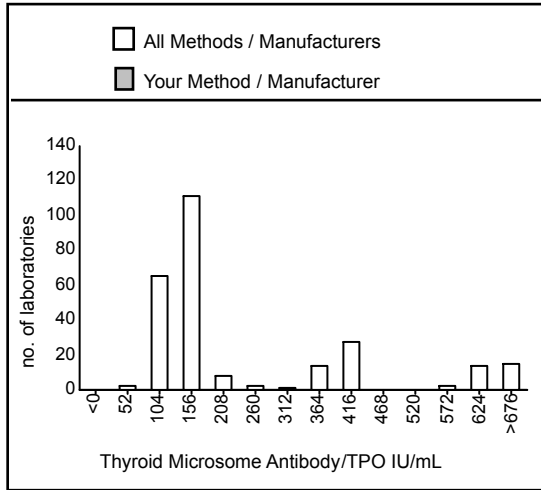
	Returns	Positive	Negative	Mean	Observed Range	
<b>AGGLUTINATION (TITRE)</b>						
<b>Passive Haemagglutination</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>100</b>	<b>100</b>	<b>100</b>
Murex	1	1	0	100	100	100
<b>CHEMILUMINESCENCE (IU/ML)</b>						
	<b>220</b>	<b>218</b>	<b>1</b>	<b>273</b>	<b>67</b>	<b>1384</b>
Abbott	34	34	0	130	120	144
Beckman	31	30	0	88	67	109
Brahms Diagnostica	3	3	0	407	98	600
Centaur - SMS Diag. Ltd.	39	39	0	375	339	416
Diasorin	6	6	0	137	90	158
Immulite 2000-SMS Diag. Ltd	17	16	1	127	102	157
Immulite-SMS Diag. Ltd	2	2	0	131	131	131
Other ...	6	6	0	174	78	566
Roche	82	82	0	732	583	1384
<b>ENZYME IMMUNOASSAY/ELISA (IU/ML)</b>						
	<b>110</b>	<b>105</b>	<b>2</b>	<b>151</b>	<b>6</b>	<b>669</b>
Abbott	6	6	0	126	120	131
AESKU	4	3	0	287	260	320
Euroimmun	7	7	0	122	98	162
Genesis	1	1	0	134	134	134
Hycor Biomedical	1	0	1	9	9	9
Inova	8	8	0	500	133	669
ORGenTec	16	15	0	118	89	181
ORGenTec Alegria	3	3	0	110	98	127
Other ...	4	4	0	124	6	320
Phadia 1000/2500 EliA	1	1	0	118	118	118
Phadia 250 EliA	31	31	0	116	59	410
Phadia ImmunoCAP 250	22	20	1	111	86	139
Phadia Varelisa	1	1	0	104	104	104
Roche	4	4	0			
Trinity Biotech (Immco)	1	1	0	219	219	219
<b>INDIRECT IMMUNOFLUORESCENCE (TITRE)</b>						
	<b>1</b>	<b>1</b>	<b>0</b>	<b>10</b>	<b>10</b>	<b>10</b>
Euroimmun	1	1	0	10	10	10
<b>OTHER ... (IU/ML)</b>						
	<b>2</b>	<b>2</b>	<b>0</b>	<b>327</b>	<b>82</b>	<b>573</b>
Other ...	2	2	0	327	82	573
<b>OTHER ... (OTHER ...)</b>						
	<b>3</b>	<b>2</b>	<b>0</b>	<b>107</b>	<b>105</b>	<b>110</b>
Other ...	3	2	0	107	105	110
<b>RADIOIMMUNOASSAY(RIA) (IU/ML)</b>						
	<b>1</b>	<b>1</b>	<b>0</b>	<b>180</b>	<b>180</b>	<b>180</b>
RSR	1	1	0	180	180	180

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

# Thyroid Peroxidase/Microsome Antibody Response for Sample 186-2

Distribution : 186	October 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 186-3

Distribution : 186	October 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>59</b>	<b>51</b>	<b>8</b>	<b>2.2</b>	<b>1.2</b>	<b>3.2</b>
Brahms Diagnostica	13	11	2	2.4	1.6	3.2
Other ...	2	2	0	2.1	1.8	2.3
Roche	40	34	6	2.1	1.2	2.8
SMS Diag.Ltd.	4	4	0	1.9	1.7	2.1
<b>CHEMILUMINESCENCE (U/L)</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>1.7</b>	<b>1.7</b>	<b>1.8</b>
Other ...	2	2	0	1.7	1.7	1.8
<b>ENZYME IMMUNOASSAY/ELISA (IU/L)</b>	<b>30</b>	<b>16</b>	<b>14</b>	<b>2.5</b>	<b>0.0</b>	<b>5.4</b>
A. Menarini - Zenit EIA	2	1	1	1.7	1.3	2.1
Euroimmun	7	5	2	2.4	1.5	3.7
Euroimmun - Fast	6	6	0	3.4	2.1	5.4
Medipan - Medizym	3	1	2	1.4	0.4	3.0
Other ...	1	1	0	3.7	3.7	3.7
Phadia 250 EliA	11	2	9	2.2	0.0	3.6
<b>ENZYME IMMUNOASSAY/ELISA (U/L)</b>	<b>27</b>	<b>24</b>	<b>1</b>	<b>2.8</b>	<b>1.8</b>	<b>7.7</b>
DRG International Inc.	1	1	0	2.3	2.3	2.3
RSR Ltd. - 2nd Generation	4	3	1	2.5	2.3	3.0
RSR Ltd. - 3rd Generation	15	14	0	2.8	1.9	7.7
RSR Ltd. - Fast	7	6	0	3.1	1.8	4.0
<b>OTHER ... (OTHER ...)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>
Other ...	1	1	0	2.1	2.1	2.1
<b>RADIOIMMUNOASSAY(RIA) (IU/L)</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>2.0</b>	<b>1.1</b>	<b>2.3</b>
Brahms Diagnostica	2	1	1	2.3	2.2	2.3
Medipan -SELco	1	1	0	1.1	1.1	1.1
Other ...	1	1	0	2.2	2.2	2.2
<b>RADIOIMMUNOASSAY(RIA) (U/L)</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>
RSR Ltd.	2	2	0	2.2	2.2	2.2
<b>RIA - CT (U/L)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>3.3</b>	<b>3.3</b>	<b>3.3</b>
RSR Ltd.	1	1	0	3.3	3.3	3.3

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

## Liver Disease Antibodies Response for Sample 186-4

Distribution : 186	October 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer	Substrate
<b>Your Response:</b>	Negative	None	Titre	Indirect Immunofluorescence	Biosystems	Rat Tissue

### 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>1</b>
Nuclear	Fine speckled (AC-4)	1
Cytoplasmic	Reticular / AMA (AC-21)	68
<b>Cytoplasmic</b>	<b>Speckled (AC-18, AC-19, AC-20)</b>	<b>3</b>
Cytoplasmic	Discrete dots (AC-18)	1
Cytoplasmic	Dense fine speckled (AC-19)	1
Other		2
Negative	Negative (AC-0)	16

	Returns	Positive	Negative	Mean	Observed Range	
<b>Indirect Immunofluorescence</b>	<b>339</b>	<b>128</b>	<b>151</b>	<b>682</b>	<b>0</b>	<b>2560</b>
<b>Rat Tissue</b>	<b>165</b>	<b>49</b>	<b>74</b>	<b>449</b>	<b>0</b>	<b>2560</b>
A. Menarini - Zenit EIA	8	0	6	40	40	40
BioDiagnostics	7	1	4	640	640	640
Bio-Rad/Kallestad/Sanofi	21	6	9	565	0	1280
Biosystems	16	4	8	260	0	1280
Diasorin	3	0	2			
Euroimmun	45	20	19	472	40	1280
Immunoconcepts	5	1	1			
In House	3	1	2	160	160	160
Inova	56	16	22	495	0	2560
Other ...	1	0	1			
<b>Mouse Tissue</b>	<b>72</b>	<b>13</b>	<b>42</b>	<b>363</b>	<b>20</b>	<b>2560</b>
A. Menarini - Zenit EIA	4	0	3			
BioDiagnostics	2	0	1			
Euroimmun	9	2	3	157	50	320
In House	1	0	0			
Inova	42	8	26	585	40	2560
Other ...	2	1	1	160	160	160
Trinity Biotech (Immco)	12	2	8	47	20	80
<b>Hep2</b>	<b>88</b>	<b>59</b>	<b>28</b>	<b>969</b>	<b>0</b>	<b>2560</b>
A. Menarini - Zenit EIA	3	2	1	37	35	40
AESKU	16	12	4	873	80	2560
Alpha Dia	1	0	1			
BioDiagnostics	1	1	0	1280	1280	1280
Bio-Rad/Kallestad/Sanofi	9	5	3	960	640	1280
Biosystems	1	1	0	640	640	640
Euroimmun	17	13	4	1217	0	2560
Immunoconcepts	3	2	1	2560	2560	2560
Inova	27	15	12	614	0	2560
MBL- BION	1	1	0			
Medica	3	2	1	1920	1280	2560
ORGenTec	1	1	0	1280	1280	1280
Other ...	4	3	1	1280	1280	1280
Trinity Biotech (Immco)	1	1	0			
<b>Hep2000</b>	<b>10</b>	<b>5</b>	<b>5</b>	<b>960</b>	<b>640</b>	<b>1280</b>
Immunoconcepts	10	5	5	960	640	1280
<b>Other ...</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>6</b>	<b>6</b>	<b>6</b>
Bio-Rad/Kallestad/Sanofi	1	0	1			
Immunoconcepts	1	1	0			
Medica	1	0	1			
Other ...	1	1	0	6	6	6

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

## Liver Disease Antibodies Response for Sample 186-4

Distribution : 186	October 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer	Substrate
<b>Your Response:</b>	Negative	None	Titre	Indirect Immunofluorescence	Biosystems	Rat Tissue

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

	Returns	Positive	Negative	Mean	Observed Range
<b>Enzyme Immunoassay/ELISA</b>	<b>14</b>	<b>4</b>	<b>6</b>	<b>44</b>	<b>0 177</b>
<b>(IU/ml)</b>	<b>7</b>	<b>3</b>	<b>1</b>	<b>97</b>	<b>1 177</b>
Diasorin	1	0	1	1	1 1
Hycor Biomedical	1	0	0		
Inova	3	3	0	129	84 177
ORGenTec Alegria	1	0	0		
Other ...	1	0	0		
<b>(Ratio)</b>	<b>6</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>0 1</b>
Phadia 100 EliA	1	0	1		
Phadia 250 EliA	2	0	1	0	0 0
Phadia 250 EliA (CTD)	3	1	2	1	1 1
<b>(Index)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1 1</b>
AESKU	1	0	1	1	1 1
<b>Chemiluminescence</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1 1</b>
<b>(Index)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1 1</b>
A. Menarini - Zenit RA	1	0	1	1	1 1
<b>Other ...</b>	<b>4</b>	<b>0</b>	<b>1</b>		
<b>(IU/ml)</b>	<b>1</b>	<b>0</b>	<b>0</b>		
Other ...	1	0	0		
<b>(Other ...)</b>	<b>3</b>	<b>0</b>	<b>1</b>		
Other ...	3	0	1		

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

# Liver Disease Antibodies Response for Sample 186-4

Distribution : 186	October 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer	Substrate
<b>Your Response:</b>	Positive	640	Titre	Indirect Immunofluorescence	Medica	Rat Tissue

## MITOCHONDRIAL ANTIBODY

	Returns	Positive	Negative	Mean	Observed Range
<b>Immunoblotting</b>	<b>17</b>	<b>17</b>	<b>0</b>	<b>83</b>	<b>60 122</b>
<b>(Not Applicable)</b>	<b>15</b>	<b>15</b>	<b>0</b>	<b>84</b>	<b>60 122</b>
Alpha Dia	3	3	0	71	71 71
Euroimmun	12	12	0	91	60 122
<b>(AU)</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>80</b>	<b>80 80</b>
Alpha Dia	2	2	0	80	80 80
<b>Indirect Immunofluorescence</b>	<b>341</b>	<b>334</b>	<b>4</b>	<b>760</b>	<b>1 5120</b>
<b>(Titre)</b>	<b>341</b>	<b>334</b>	<b>4</b>	<b>760</b>	<b>1 5120</b>
A. Menarini - Zenit EIA	13	13	0	844	80 2560
AESKU	16	15	1	852	1 2560
Alpha Dia	1	1	0	160	160 160
Biocientifica	11	10	1	914	160 2560
BioDiagnostics	11	10	1	640	320 1280
Bio-Rad/Kallestad/Sanofi	34	34	0	720	80 2560
Biosystems	20	20	0	664	40 1600
Diasorin	3	3	0	960	320 1600
Euroimmun	68	66	1	1236	10 5120
Immunoconcepts	6	6	0	640	320 1280
In House	4	4	0	80	80 80
Inova	114	112	0	586	20 2560
Medica	14	14	0	714	320 1280
ORGenTec	1	1	0		
Other ...	6	6	0	330	40 640
Palex Diagnostica	1	1	0	320	320 320
Trinity Biotech (Immco)	18	18	0	578	20 1280
<b>Enzyme Immunoassay/ELISA</b>	<b>42</b>	<b>42</b>	<b>0</b>	<b>137</b>	<b>5 516</b>
<b>(IU/ml)</b>	<b>37</b>	<b>37</b>	<b>0</b>	<b>145</b>	<b>5 516</b>
Euroimmun	3	3	0	150	100 200
Hycor Biomedical	1	1	0	7	7 7
Inova	7	7	0	190	130 516
ORGenTec Alegria	4	4	0	66	59 72
Other ...	8	8	0	71	5 128
Phadia 100/250 EliA	14	14	0	240	220 296
<b>(Units/ml)</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>57</b>	<b>42 73</b>
AESKU	2	2	0	57	42 73
<b>(Ratio)</b>	<b>1</b>	<b>1</b>	<b>0</b>		
Axis Shield/Diastat	1	1	0		
<b>(Other ...)</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>95</b>	<b>95 95</b>
Other ...	2	2	0	95	95 95
<b>Other ...</b>	<b>5</b>	<b>5</b>	<b>0</b>	<b>284</b>	<b>19 965</b>
<b>(IU/ml)</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>439</b>	<b>147 965</b>
Other ...	3	3	0	439	147 965
<b>(Other ...)</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>51</b>	<b>19 84</b>
Other ...	2	2	0	51	19 84

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

# Liver Disease Antibodies Response for Sample 186-4

Distribution : 186	October 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>21</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>0 1</b>
<b>(Not Applicable)</b>	<b>18</b>	<b>0</b>	<b>17</b>	<b>1</b>	<b>0 1</b>
Alpha Dia	3	0	3	0	0 0
Euroimmun	12	0	11	1	1 1
Other ...	3	0	3	0	0 0
<b>(AU)</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0 0</b>
Alpha Dia	3	0	3	0	0 0
<b>Indirect Immunofluorescence</b>	<b>336</b>	<b>5</b>	<b>326</b>	<b>39</b>	<b>0 160</b>
<b>(Titre)</b>	<b>336</b>	<b>5</b>	<b>326</b>	<b>39</b>	<b>0 160</b>
A. Menarini - Zenit EIA	13	0	12		
AESKU	17	1	16	43	40 50
Alpha Dia	1	0	1		
Biocientifica	11	0	10	40	40 40
BioDiagnostics	11	1	10	80	80 80
Bio-Rad/Kallestad/Sanofi	31	0	31	23	0 40
Biosystems	20	0	20	33	0 50
Diasorin	3	0	3		
Euroimmun	67	0	66	56	5 100
Immunoconcepts	6	0	6	40	40 40
In House	4	0	4	0	0 0
Inova	114	2	110	40	0 160
Medica	13	0	13	32	0 40
ORGenTec	1	0	1		
Other ...	6	0	6	60	40 80
Palex Diagnostica	1	0	1		
Trinity Biotech (Immco)	17	1	16	30	20 40
<b>Enzyme Immunoassay/ELISA</b>	<b>23</b>	<b>0</b>	<b>19</b>	<b>1</b>	<b>0 2</b>
<b>(IU/ml)</b>	<b>18</b>	<b>0</b>	<b>15</b>	<b>1</b>	<b>0 2</b>
Euroimmun	2	0	2	2	2 2
Hycor Biomedical	1	0	0		
Inova	6	0	6	1	1 1
ORGenTec Alegria	3	0	2	2	2 2
Other ...	5	0	5	1	0 2
Phadia Varellisa	1	0	0		
<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>1</b>	<b>0 1</b>
Other ...	3	0	3	1	0 1
<b>Other ...</b>	<b>6</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0 1</b>
<b>(IU/ml)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1 1</b>
Other ...	1	0	1	1	1 1
<b>(Other ...)</b>	<b>5</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0 0</b>
Other ...	5	0	4	0	0 0
<b>Not Stated</b>	<b>3</b>	<b>0</b>	<b>2</b>		
<b>(Not Stated)</b>	<b>3</b>	<b>0</b>	<b>2</b>		
Not Stated	3	0	2		

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

# Liver Disease Antibodies Response for Sample 186-4

Distribution : 186	October 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>9</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>0 0</b>
<b>(Not Applicable)</b>	7	0	7	0	0 0
Alpha Dia	3	0	3	0	0 0
Other ...	4	0	4	0	0 0
<b>(AU)</b>	2	0	2	0	0 0
Alpha Dia	2	0	2	0	0 0
<b>Indirect Immunofluorescence</b>	<b>353</b>	<b>0</b>	<b>347</b>	<b>37</b>	<b>0 100</b>
<b>(Titre)</b>	353	0	347	37	0 100
A. Menarini - Zenit EIA	13	0	13	40	40 40
AESKU	17	0	17	38	20 50
Alpha Dia	1	0	1		
Biocientifica	11	0	10	40	40 40
BioDiagnostics	11	0	10		
Bio-Rad/Kallestad/Sanofi	35	0	34	23	0 40
Biosystems	20	0	20	33	0 50
Diasorin	3	0	3		
Euroimmun	69	0	68	56	5 100
Immunoconcepts	6	0	6	40	40 40
In House	4	0	4	0	0 0
Inova	122	0	120	35	0 80
Medica	14	0	14	40	0 80
ORGenTec	1	0	1		
Other ...	7	0	7	42	5 80
Palex Diagnostica	1	0	1		
Trinity Biotech (Immco)	18	0	18	40	20 80
<b>Enzyme Immunoassay/ELISA</b>	<b>15</b>	<b>0</b>	<b>7</b>	<b>16</b>	<b>14 19</b>
<b>(IU/ml)</b>	13	0	6	17	14 19
Hycor Biomedical	1	0	0		
Inova	4	0	3	17	15 18
ORGenTec Alegria	3	0	0		
Other ...	4	0	3	16	14 19
Phadia Varelista	1	0	0		
<b>(Units/ml)</b>	1	0	0		
AESKU	1	0	0		
<b>(Other ...)</b>	1	0	1	15	15 15
Other ...	1	0	1	15	15 15
<b>Other ...</b>	<b>3</b>	<b>0</b>	<b>1</b>		
<b>(IU/ml)</b>	1	0	0		
Other ...	1	0	0		
<b>(Other ...)</b>	2	0	1		
Other ...	2	0	1		

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

# Anaemia Associated Antibodies Response for Sample 186-5

Distribution : 186	October 2018	Participant : 94317
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	Qualitative	Quantitative	Unit	Method	Manufacturer	Substrate
Your Response:	Negative	None	Titre	Indirect Immunofluorescence	Medica	Rat Tissue

## GASTRIC PARIETAL CELL ANTIBODY

	Returns	Positive	Negative	Mean	Observed Range
<b>Immunoblotting</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0 0</b>
(Not Applicable)	3	0	3	0	0 0
Other ...	3	0	3	0	0 0
<b>Indirect Immunofluorescence</b>	<b>250</b>	<b>5</b>	<b>240</b>	<b>52</b>	<b>0 800</b>
(Titre)	250	5	240	52	0 800
A. Menarini - Zenit EIA	9	0	9		
AESKU	13	0	13	43	40 50
Alpha Dia	1	0	1		
Biocientifica	4	0	4	40	40 40
BioDiagnostics	10	1	9	40	40 40
Bio-Rad/Kallestad/Sanofi	21	0	20	26	10 40
Biosystems	13	1	11	34	0 50
Diasorin	2	0	2		
Euroimmun	42	1	40	58	10 100
Immunoconcepts	4	0	4	40	40 40
In House	2	0	2		
Inova	101	1	98	34	0 80
Medica	7	1	6	287	20 800
Other ...	5	0	5	60	40 80
Palex Diagnostica	1	0	1	80	80 80
Trinity Biotech (Immco)	15	0	15	28	20 40
<b>Enzyme Immunoassay/ELISA</b>	<b>43</b>	<b>3</b>	<b>40</b>	<b>4</b>	<b>1 22</b>
(IU/ml)	22	2	20	6	1 22
Euroimmun	7	0	7	5	2 7
ORGenTec	1	0	1	4	4 4
ORGenTec Alegria	6	1	5	5	4 5
Other ...	8	1	7	9	1 22
(Units/ml)	21	1	20	2	1 2
AESKU	1	0	1	1	1 1
Phadia 250 EliA	20	1	19	2	1 2
<b>Other ...</b>	<b>6</b>	<b>0</b>	<b>6</b>	<b>2</b>	<b>0 7</b>
(Other ...)	6	0	6	2	0 7
Other ...	6	0	6	2	0 7

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