

**Email:** ukneqas@immqas.org.uk

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

### UK NEQAS for COELIAC DISEASE

<b>Distribution :</b> 184	<b>July 2018</b>	<b>Participant :</b> 94317
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509 out of 564 participants returned data for this distribution. 90% response rate.

#### Nil Responses

1233A, 10070B, 10665, 10668, 11690, 12185, 12187, 13923, 14575, 14579, 14595, 14638, 14668, 14809, 14819, 90345, 90412, 90604, 90610A, 91140, 91172, 91520, 91624, 91655, 91836, 91896, 92017, 92100, 92107, 92184, 92354, 92357, 92466, 92538, 92700, 93740, 94095, 94167, 94255, 94440, 94510, 94814, 95042, NOKLUS, YVSOLAB, ORG\_G, ORG\_A, ORG, BIOG, INFO, CODEX, TVN, SEQC, VAR, DEKS

**Sample 184-1** was a serum sample from a patient with known Coeliac disease.

Analyte	Designated Response	Your Response	Score	OMIS
IgA Gliadin	Positive	No Response	0	0
IgG Gliadin	Positive	No Response	0	0
IgA Endomysium	Positive	Positive	0	0
IgG Endomysium	Positive	No Response	0	0
IgA DGP	Positive	No Response	0	0
IgG DGP	Positive	Positive	0	0
DGP Screen Only	Positive	No Response	0	0
DGP/tTG Screen Only	Positive	No Response	0	0
IgA Tissue Transglutaminase	Positive	Positive	0	0
IgG Tissue Transglutaminase	Positive	Positive	0	0
Tissue Transglutaminase Screen Only	Positive	No Response	0	0
<b>Total MIS</b>				0

The current window of analysis comprises the previous six distributions.

#### Comments

Director Prof W Egner / Mrs D Patel, Operations Manager Mr D Gill / Dr H Wilkinson

Telephone 0114 271 5715, Fax 0114 226 6754

Sheffield Teaching Hospitals

NHS Foundation Trust

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, 10665, 10732, 10745, 14239, 14474, 90848) 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 6 sample window. The categories of performance are:

 Good	Total MIS
 Adequate	Zero
 Poor	1-2
	>2

An OMIS of 2 or more for any one analyte will also be classified as poor performance

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

If laboratories require further assistance please contact the centre.

# Coeliac Disease - Sample 184-1

<b>Distribution :</b> 184	<b>July 2018</b>	<b>Participant :</b> 94317
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Your Result	IgA Gliadin	IgG Gliadin	IgA Endomysium	IgG Endomysium
<b>IIF</b>			Positive	None
<b>EIA</b>	None	None		
<b>Manufacturer</b>	None	None	Biosystems	None

	IgA Endomysium			IgG Endomysium		
	IIF	Positive		Negative	IIF	Positive
<b>All methods</b>		292	2	<b>All methods</b>	112	7
A. Menarini - Zenit EIA		18	1	A. Menarini - Zenit EIA	5	1
AESKU		20	0	AESKU	4	0
Alpha Dia		2	1	Alpha Dia	2	0
BioDiagnostics		6	0	BioDiagnostics	3	0
Bio-Rad/Kallestad/Sanofi		4	0	Bio-Rad/Kallestad/Sanofi	1	1
Biosystems		19	0	Biosystems	5	0
Diamedix		1	0	Euroimmun	18	1
Euroimmun		56	0	Eurospital	4	0
Eurospital		9	0	In House	3	0
In House		5	0	Inova	56	2
Inova		120	0	Medica	3	1
Medica		8	0	Other ...	6	0
Other ...		9	0	Trinity Biotech (Immco)	2	1
Trinity Biotech (Immco)		15	0			

	IgA Gliadin		IgG Gliadin		
	EIA	Positive	Negative	Positive	Negative
<b>All methods</b>		57	2	52	2
AESKU		2	0	2	0
Diesse		2	0	2	0
D-tek		1	0	1	0
Euroimmun		2	0	3	0
Eurospital		2	0	2	0
Genesis		1	0	1	0
In House		1	0	1	0
Inova		6	0	6	0
Luminex Tech. - THERADIAG (BMD)		2	0	1	0
ORGenTec		3	0	2	0
ORGenTec Alegria		5	0	4	0
Other ...		4	1	4	0
Phadia 100 EliA		4	0	4	0
Phadia 1000/2500 EliA		3	0	3	0
Phadia 250 EliA		19	1	16	2

# Coeliac Disease - Sample 184-1

<b>Distribution :</b> 184	<b>July 2018</b>	<b>Participant :</b> 94317
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Your Result	DGP Screen Only	DGP/tTG Screen Only	Tissue Transglutaminase Screen Only	IgA DGP		IgG DGP		IgA Tissue Transglutaminase		IgG Tissue Transglutaminase	
	Qualitative	Qualitative	Qualitative	Qualitative	Quantitative	Qualitative	Quantitative	Qualitative	Quantitative	Qualitative	Quantitative
EIA	None	None	None	None		Positive	25	Positive	>128	Positive	16
Manufacturer	None	None	None	None		Phadia 1000/2500 EIIA		Phadia 1000/2500 EliA		Phadia 1000/2500 EliA	

### Deamidated Gliadin Peptide Screen Only

	Returns	Positive	Negative
<b>All methods</b>	<b>12</b>	<b>11</b>	<b>0</b>
Inova QUANTA Flash	1	1	0
Inova Quantalite Celiac DGP	4	4	0
ORGenTec	5	5	0
Other ...	2	1	0

### Deamidated Gliadin Peptide / Tissue Transglutaminase Screen Only

	Returns	Positive	Negative
<b>All methods</b>	<b>12</b>	<b>11</b>	<b>0</b>
Aeskulisa Celi Check	7	7	0
Inova Quantalite h-tTG/DGP	4	4	0
Other ...	1	0	0

### Tissue Transglutaminase Screen Only

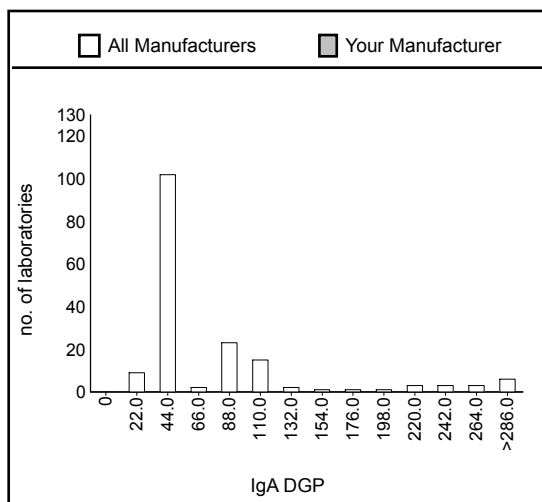
	Returns	Positive	Negative
<b>All methods</b>	<b>10</b>	<b>9</b>	<b>0</b>
ORGenTec Screen	5	5	0
Other ...	5	4	0

# Coeliac Disease - Sample 184-1

<b>Distribution :</b> 184	<b>July 2018</b>	<b>Participant :</b> 94317
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IgA Deamidated Gliadin Peptides EIA	Returns	Positive	Negative	Mean	Range
<b>Total</b>	<b>184</b>	<b>181</b>	<b>1</b>	<b>59</b>	<b>1 - 250</b>
A. Menarini - Zenit EIA	4	4	0	99	39 - 202
A. Menarini - Zenit RA	16	16	0	84	74 - 91
Euroimmun (GAF-3X)	4	4	0	288	198 - 465
Eurospital a-GliaPep A	9	9	0	21	11 - 27
Inova QUANTA Flash	18	18	0	91	81 - 100
Inova Quantalite Gliadin II	8	8	0	215	83 - 502
Luminex Tech. - Bio-Rad Bioplex 2200	13	13	0	311	250 - 408
Luminex Tech. - THERADIAG (BMD)	2	2	0	79	78 - 79
ORGenTec	7	7	0	38	28 - 43
ORGenTec Alegria	3	3	0	34	27 - 40
Other ...	10	10	0	112	1 - 320
Phadia 100 EliA	1	1	0	36	36 - 36
Phadia 1000/2500 EliA	4	4	0	37	32 - 49
Phadia 250 EliA	85	82	1	33	20 - 47

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



Your Manufacturer:  
Your Result:

# Coeliac Disease - Sample 184-1

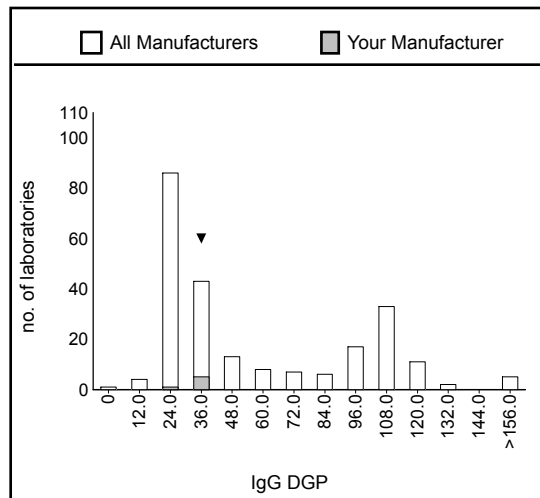
Distribution : 184

July 2018

Participant : 94317

IgG Deamidated Gliadin Peptides EIA	Returns	Positive	Negative	Mean	Range
<b>Total</b>	<b>234</b>	<b>231</b>	<b>2</b>	<b>50</b>	<b>0 - 124</b>
A. Menarini - Zenit EIA	6	5	0	84	21 - 104
A. Menarini - Zenit RA	16	16	0	99	84 - 114
Euroimmun (GAF-3X)	5	5	0	80	61 - 124
Eurospital a-GliaPep G	9	9	0	51	44 - 61
Inova QUANTA Flash	30	30	0	98	85 - 110
Inova Quantalite Gliadin II	10	9	1	68	2 - 106
Luminex Tech. - Bio-Rad Bioplex 2200	13	13	0	108	96 - 115
Luminex Tech. - THERADIAG (BMD)	1	1	0	49	49 - 49
ORGenTec	9	9	0	39	31 - 46
ORGenTec Alegria	3	3	0	27	26 - 30
Other ...	11	11	0	92	4 - 215
Phadia 100 EliA	2	2	0	33	22 - 44
Phadia 1000/2500 EliA	6	6	0	28	22 - 36
Phadia 250 EliA	113	112	1	23	14 - 33

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



Your Manufacturer: Phadia 1000/2500 EliA

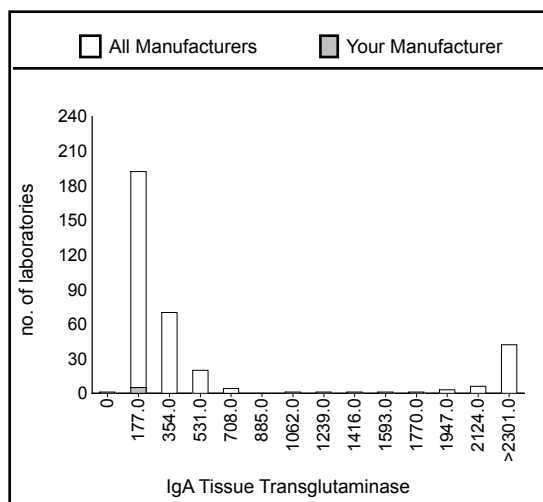
Your Result: 25

# Coeliac Disease - Sample 184-1

<b>Distribution :</b> 184	<b>July 2018</b>	<b>Participant :</b> 94317
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IgA Tissue Transglutaminase EIA	Returns	Positive	Negative	Mean	Range
<b>Total</b>	<b>486</b>	<b>483</b>	<b>3</b>	<b>309</b>	<b>0 - 2344</b>
A. Menarini - Zenit EIA	3	3	0	389	160 - 527
A. Menarini - Zenit RA	32	32	0	248	192 - 513
AESKU	12	12	0	300	300 - 300
Diamedix	2	2	0	200	200 - 200
Diasorin	2	2	0	356	346 - 366
Diasorin LIAISON	10	10	0	356	294 - 414
Diesse	1	1	0	100	100 - 100
D-tek	1	1	0	97	97 - 97
Euroimmun	12	12	0	259	10 - 583
Eurospital	14	14	0	104	100 - 121
GA Generic Assays	1	1	0	124	124 - 124
Genesis	1	1	0	157	157 - 157
In House	1	1	0	100	100 - 100
Inova	24	24	0	276	101 - 1097
Inova QUANTA Flash	49	49	0	2545	1377 - 3684
Luminex Tech. - Bio-Rad Bioplex 2200	22	22	0	1036	250 - 2904
Luminex Tech. - THERADIAG (BMD)	2	2	0	95	89 - 100
ORGenTec	25	25	0	245	4 - 511
ORGenTec Alegria	11	11	0	200	200 - 200
Other ...	7	7	0	212	7 - 386
Phadia 100 EliA	6	6	0	140	128 - 146
Phadia 1000/2500 EliA	12	12	0	140	117 - 163
Phadia 250 EliA	235	232	3	150	0 - 500
Trinity Biotech (Immco)	1	1	0	160	160 - 160

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



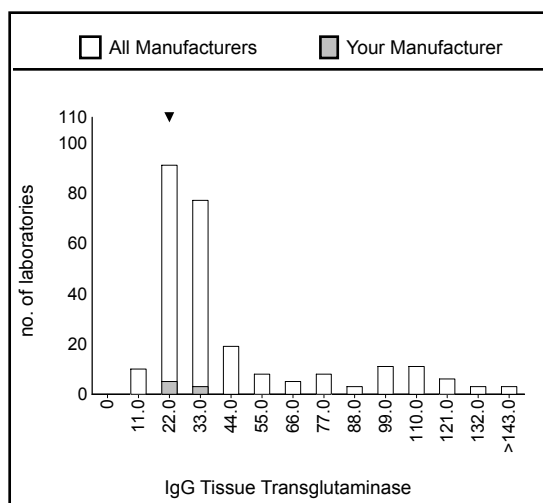
Your Manufacturer: Phadia 1000/2500 EliA  
 Your Result: >128

# Coeliac Disease - Sample 184-1

**Distribution : 184** **July 2018** **Participant : 94317**

IgG Tissue Transglutaminase EIA	Returns	Positive	Negative	Mean	Range
<b>Total</b>	<b>258</b>	<b>238</b>	<b>17</b>	<b>36</b>	<b>1 - 124</b>
A. Menarini - Zenit RA	16	16	0	35	32 - 39
AESKU	4	4	0	94	76 - 118
Diamedix	2	2	0	44	37 - 51
Diesse	2	2	0	100	100 - 100
D-tek	1	1	0	77	77 - 77
Euroimmun	4	1	3	1	1 - 3
Eurospital	11	11	0	61	46 - 71
GA Generic Assays	1	1	0	89	89 - 89
Inova	9	6	2	24	19 - 28
Inova QUANTA Flash	22	22	0	106	86 - 126
Luminex Tech. - Bio-Rad Bioplex 2200	14	4	10	13	10 - 17
Luminex Tech. - THERADIAG (BMD)	1	1	0	76	76 - 76
ORGenTec	14	14	0	69	41 - 101
ORGenTec Alegria	7	7	0	30	22 - 35
Other ...	4	4	0	41	7 - 103
Phadia 100 EliA	4	4	0	141	15 - 511
Phadia 1000/2500 EliA	8	8	0	22	16 - 27
Phadia 250 EliA	134	130	2	22	14 - 31

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



Your Manufacturer: Phadia 1000/2500 EliA  
Your Result: 16