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UK NEQAS for COELIAC DISEASE

Distribution : 186	November 2018	Participant : 94317
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511 out of 564 participants returned data for this distribution. 90% response rate.

Nil Responses

1233A, 10070B, 10668, 11690, 12230, 13923, 13963, 14575, 14579, 14607, 14638, 14668, 90345, 90604, 90610A, 90621, 90856, 91172, 91520, 91539, 91836, 91903, 92107, 92357, 92700, 92761, 92786, 93122, 93740, 94167, 94318, 94465, 94551, 94647, 94814, 94947, 95042, 95169, 95279, 95298, 95551, NOKLUS, YVSOLAB, VAR, DEKS, ORG_G, ORG_A, ORG, BIOG, INFO, CODEX, TVN, SEQC

Sample 186-1 was a serum sample from a patient with known Coeliac disease.

Analyte	Designated Response	Your Response	Score	OMIS
IgA Gliadin	Negative	No Response	0	0 ●
IgG Gliadin	Negative	No Response	0	0 ●
IgA Endomysium	Positive	Positive	0	0 ●
IgG Endomysium	Equivocal	No Response	0	0 ●
IgA DGP	Equivocal	No Response	0	0 ●
IgG DGP	Negative	Negative	0	0 ●
DGP Screen Only	Negative	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 ●
Total MIS				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

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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 186-1

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Your Result	IgA Gliadin	IgG Gliadin	IgA Endomysium	IgG Endomysium
IIF			Positive	None
EIA	None	None		
Manufacturer	None	None	Biosystems	None

	IgA Endomysium	
	IIF	IIF
	Positive	Negative
All methods	292	2
A. Menarini - Zenit EIA	21	0
AESKU	21	0
Alpha Dia	3	0
BioDiagnostics	6	0
Bio-Rad/Kallestad/Sanofi	5	0
Biosystems	20	0
Euroimmun	56	0
Eurospital	8	0
In House	4	0
Inova	120	0
Medica	7	1
Other ...	9	0
Trinity Biotech (Immco)	12	1

	IgG Endomysium	
	IIF	IIF
	Positive	Negative
All methods	32	89
A. Menarini - Zenit EIA	2	6
AESKU	2	5
Alpha Dia	1	1
BioDiagnostics	3	0
Bio-Rad/Kallestad/Sanofi	1	2
Biosystems	0	5
Euroimmun	5	15
Eurospital	1	3
In House	0	3
Inova	12	44
Medica	2	2
Other ...	2	2
Trinity Biotech (Immco)	1	1

	IgA Gliadin		IgG Gliadin	
	EIA	EIA	EIA	EIA
	Positive	Negative	Positive	Negative
All methods	10	48	1	52
AESKU	0	2	0	2
Diesse	0	2	0	2
D-tek	0	1	0	1
Euroimmun	2	0	0	2
Eurospital	0	2	0	2
Genesis	0	0	0	1
Inova	3	2	0	5
Luminex Tech. - THERADIAG (BMD)	0	2	0	1
ORGenTec	0	3	0	2
ORGenTec Alegria	0	6	0	5
Other ...	2	3	0	4
Phadia 100 EliA	2	2	0	4
Phadia 1000/2500 EliA	0	3	0	3
Phadia 250 EliA	1	20	1	18

Coeliac Disease - Sample 186-1

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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		Negative	1.3	Positive	56	Positive	12
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
All methods	13	0	12
Inova QUANTA Flash	1	0	1
Inova Quantalite Celiac DGP	5	0	5
ORGenTec	5	0	5
Other ...	2	0	1

Deamidated Gliadin Peptide / Tissue Transglutaminase Screen Only

	Returns	Positive	Negative
All methods	6	5	0
Aeskulisa Celi Check	2	2	0
Inova Quantalite h-tTG/DGP	3	3	0
Other ...	1	0	0

Tissue Transglutaminase Screen Only

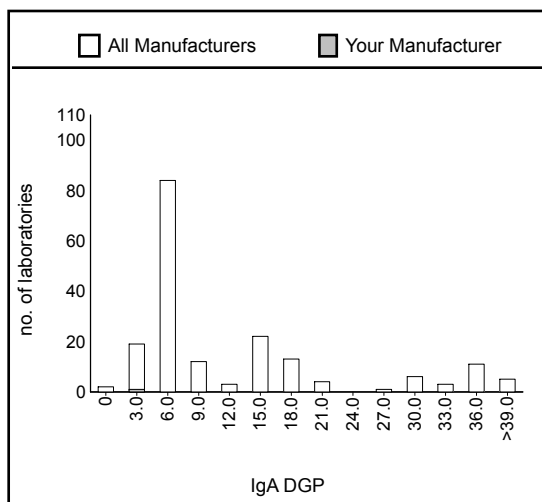
	Returns	Positive	Negative
All methods	10	9	0
ORGenTec Screen	5	5	0
Other ...	5	4	0

Coeliac Disease - Sample 186-1

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IgA Deamidated Gliadin Peptides EIA	Returns	Positive	Negative	Mean	Range
Total	187	53	130	9	0 - 33
A. Menarini - Zenit EIA	6	4	2	16	3 - 28
A. Menarini - Zenit RA	16	16	0	16	11 - 21
Euroimmun (GAF-3X)	4	3	1	35	21 - 57
Eurospital a-GliaPep A	8	4	4	5	4 - 8
Inova QUANTA Flash	19	0	18	14	12 - 16
Inova Quantalite Gliadin II	7	7	0	35	29 - 46
Luminex Tech. - Bio-Rad Bioplex 2200	14	14	0	34	29 - 38
Luminex Tech. - THERADIAG (BMD)	2	0	2	15	12 - 17
ORGenTec	7	0	7	7	6 - 9
ORGenTec Alegria	4	0	4	5	3 - 7
Other ...	10	4	4	7	0 - 15
Phadia 100 EliA	1	0	1	5	5 - 5
Phadia 1000/2500 EliA	3	0	3	5	4 - 5
Phadia 250 EliA	86	1	84	4	2 - 6

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



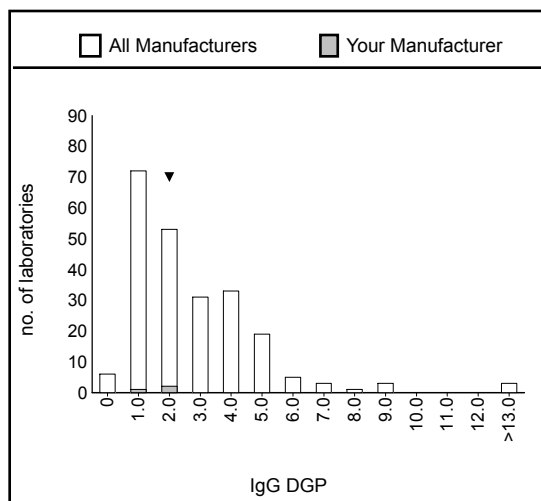
Your Manufacturer:
Your Result:

Coeliac Disease - Sample 186-1

Distribution : 186	November 2018	Participant : 94317
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IgG Deamidated Gliadin Peptides EIA	Returns	Positive	Negative	Mean	Range
Total	234	3	228	2	0 - 9
A. Menarini - Zenit EIA	8	0	8	2	0 - 4
A. Menarini - Zenit RA	17	0	17	3	0 - 5
Euroimmun (GAF-3X)	6	0	6	6	1 - 13
Eurospital a-GliaPep G	8	0	8	3	3 - 4
Inova QUANTA Flash	28	0	28	3	2 - 3
Inova Quantalite Gliadin II	10	0	10	6	4 - 8
Luminex Tech. - Bio-Rad Bioplex 2200	14	0	13	4	3 - 5
Luminex Tech. - THERADIAG (BMD)	1	0	1	5	5 - 5
ORGenTec	9	0	9	5	3 - 7
ORGenTec Alegria	4	0	4	4	3 - 5
Other ...	11	3	6	5	0 - 15
Phadia 100 EliA	2	0	2	1	1 - 1
Phadia 1000/2500 EliA	5	0	5	1	1 - 1
Phadia 250 EliA	111	0	111	1	0 - 2

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



Your Manufacturer: Phadia 1000/2500 EliA
 Your Result: 1.3

Coeliac Disease - Sample 186-1

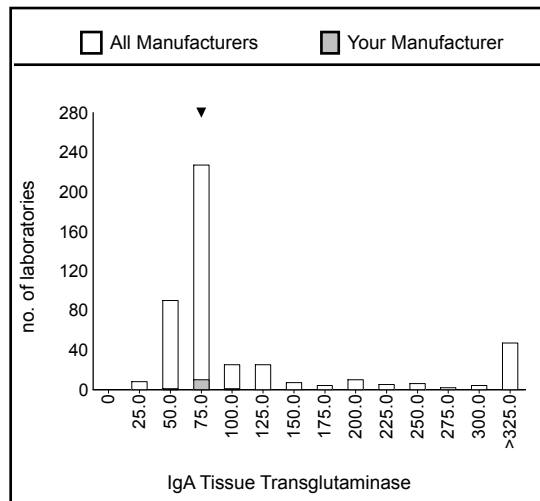
Distribution : 186

November 2018

Participant : 94317

IgA Tissue Transglutaminase EIA	Returns	Positive	Negative	Mean	Range
Total	487	484	2	77	0 - 323
A. Menarini - Zenit EIA	6	6	0	122	73 - 186
A. Menarini - Zenit RA	31	31	0	109	76 - 134
AESKU	12	12	0	164	104 - 240
Bio-Rad/Kallestad/Sanofi	1	1	0	-	-
Diamedix	2	2	0	79	42 - 116
Diasorin	2	2	0	43	41 - 45
Diasorin LIAISON	6	6	0	55	41 - 68
Diesse	1	1	0	100	100 - 100
D-tek	1	1	0	61	61 - 61
Euroimmun	11	10	1	187	10 - 455
Eurospital	14	13	0	75	65 - 82
GA Generic Assays	1	1	0	84	84 - 84
Genesis	1	1	0	25	25 - 25
In House	1	1	0	17	17 - 17
Inova	24	24	0	139	29 - 348
Inova QUANTA Flash	47	47	0	361	229 - 474
Luminex Tech. - Bio-Rad Bioplex 2200	26	26	0	344	250 - 579
Luminex Tech. - THERADIAG (BMD)	2	2	0	62	55 - 69
ORGenTec	27	27	0	44	37 - 54
ORGenTec Alegria	10	10	0	47	38 - 61
Other ...	7	7	0	54	5 - 138
Phadia 100 EliA	7	7	0	59	39 - 73
Phadia 1000/2500 EliA	12	12	0	66	48 - 77
Phadia 250 EliA	233	232	1	58	38 - 76
Phadia Varelista	1	1	0	68	68 - 68
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: 56

Coeliac Disease - Sample 186-1

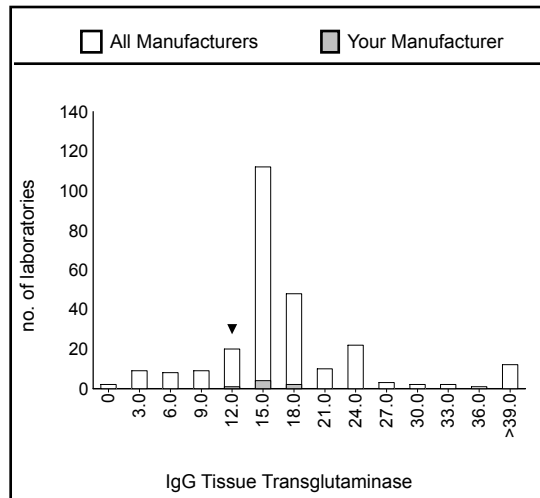
Distribution : 186

November 2018

Participant : 94317

IgG Tissue Transglutaminase EIA	Returns	Positive	Negative	Mean	Range
Total	262	219	39	15	0 - 33
A. Menarini - Zenit EIA	2	1	1	11	9 - 12
A. Menarini - Zenit RA	18	17	0	14	12 - 16
AESKU	5	0	5	4	1 - 8
Diamedix	2	2	0	15	13 - 17
Diesse	2	2	0	32	32 - 33
D-tek	1	0	1	0	0 - 0
Euroimmun	5	0	5	0	0 - 0
Eurospital	10	0	9	8	7 - 10
GA Generic Assays	1	1	0	24	24 - 24
In House	1	0	1	4	4 - 4
Inova	9	4	5	20	14 - 24
Inova QUANTA Flash	21	13	7	22	18 - 26
Luminex Tech. - Bio-Rad Bioplex 2200	15	14	0	48	36 - 56
Luminex Tech. - THERADIAG (BMD)	1	1	0	30	30 - 30
ORGenTec	15	15	0	18	12 - 26
ORGenTec Alegria	6	6	0	14	11 - 19
Other ...	5	3	2	5	3 - 6
Phadia 100 EliA	4	4	0	13	11 - 15
Phadia 1000/2500 EliA	7	7	0	15	12 - 17
Phadia 250 EliA	132	129	3	15	11 - 18

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



Your Manufacturer: Phadia 1000/2500 EliA

Your Result: 12