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UK NEQAS for Ganglioside Antibodies

Distribution : 185	September 2018	Participant : 94317
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82 out of 109 participants returned data for this distribution. 75% response rate.

Nil Responses

10712, 10732, 10858A, 12254, 12257, 14292, 14513, 14513A, 14513B, 14545, 14876, 90467, 90704, 90856, 92464, 93553, 94317, NOKLUS, YVSOLAB, ORG_G, ORG_A, ORG, BIOG, INFO, CODEX, SEQC, VAR

Sample 185-1 was a plasmaphoresis sample from a patient with a neurological condition.

Sample 185-2 was a pooled normal human donor serum.

Analyte		Sample 185-1			Sample 185-2			OMIS
		Designated Response	Your Response	Score	Designated Response	Your Response	Score	
GM1	IgG	Negative	No Response	0	Negative	No Response	0	0 ●
	IgM	Positive	No Response	0	Negative	No Response	0	0 ●
	IgG/IgM Screen	Positive	No Response	0	Negative	No Response	0	0 ●
GM2	IgG	Negative	No Response	0	Negative	No Response	0	0 ●
	IgM	Negative	No Response	0	Negative	No Response	0	0 ●
	IgG/IgM Screen	Negative	No Response	0	Negative	No Response	0	0 ●
GD1a	IgG	Negative	No Response	0	Negative	No Response	0	0 ●
	IgM	Negative	No Response	0	Negative	No Response	0	0 ●
	IgG/IgM Screen	Negative	No Response	0	Negative	No Response	0	0 ●
GD1b	IgG	Negative	No Response	0	Negative	No Response	0	0 ●
	IgM	Positive	No Response	0	Negative	No Response	0	0 ●
	IgG/IgM Screen	Positive	No Response	0	Negative	No Response	0	0 ●
GQ1b	IgG	Negative	No Response	0	Negative	No Response	0	0 ●
	IgM	Negative	No Response	0	Negative	No Response	0	0 ●
	IgG/IgM Screen	Negative	No Response	0	Negative	No Response	0	0 ●

The current window of analysis comprises the previous six distributions

Total MIS 0 ●

Comments

Director Prof W Egner / Mrs D Patel, Operations Manager Mr D Gill / Dr H Wilkinson
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The Misclassification scoring (**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, 10702, 14446, 14530, 94089) were in agreement in providing the target Responses.

The qualitative elements are assessed by misclassification over a 12 sample window.

The categories of performance are:

		Total MIS
 Good	-	zero
 Adequate	-	1 - 3
 Poor	-	> 3

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

If laboratories require further assistance please contact the centre.

Summary Page for Sample 185-1

IgG	Returns	Positive	Negative
GM1	78	4	74
GM2	68	0	68
GD1a	69	0	69
GD1b	74	2	72
GQ1b	74	0	74

IgM	Returns	Positive	Negative
GM1	79	77	2
GM2	68	1	67
GD1a	69	3	66
GD1b	74	63	11
GQ1b	71	0	71

IgG/IgM Screen	Returns	Positive	Negative
GM1	22	21	1
GM2	19	1	18
GD1a	20	2	18
GD1b	20	16	4
GQ1b	21	0	21

Your Results for Sample 185-1

IgG	IgM	IgG/IgM Screen
GM1: No Response	GM1: No Response	GM1: No Response
GM1 Method: Immunoblotting	GM1 Method: Immunoblotting	GM1 Method: Immunoblotting
GM1 Manufacturer: Zentech Dotzen	GM1 Manufacturer: Zentech Dotzen	GM1 Manufacturer: Zentech Dotzen
GM2: No Response	GM2: No Response	GM2: No Response
GM2 Method: Immunoblotting	GM2 Method: Immunoblotting	GM2 Method: Immunoblotting
GM2 Manufacturer: Zentech Dotzen	GM2 Manufacturer: Zentech Dotzen	GM2 Manufacturer: Zentech Dotzen
GD1a: No Response	GD1a: No Response	GD1a: No Response
GD1a Method: Immunoblotting	GD1a Method: Immunoblotting	GD1a Method: Immunoblotting
GD1a Manufacturer: Zentech Dotzen	GD1a Manufacturer: Zentech Dotzen	GD1a Manufacturer: Zentech Dotzen
GD1b: No Response	GD1b: No Response	GD1b: No Response
GD1b Method: Immunoblotting	GD1b Method: Immunoblotting	GD1b Method: Immunoblotting
GD1b Manufacturer: Zentech Dotzen	GD1b Manufacturer: Zentech Dotzen	GD1b Manufacturer: Zentech Dotzen
GQ1b: No Response	GQ1b: No Response	GQ1b: No Response
GQ1b Method: Immunoblotting	GQ1b Method: Immunoblotting	GQ1b Method: Immunoblotting
GQ1b Manufacturer: Zentech Dotzen	GQ1b Manufacturer: Zentech Dotzen	GQ1b Manufacturer: Zentech Dotzen

IgG	GM1		GM2		GD1a		GD1b		GQ1b	
	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG
Immunoblotting	2	55	0	56	0	57	0	57	0	55
In House	0	1	0	1	0	1	0	1	0	1
GA Generic Assays	2	30	0	32	0	32	0	32	0	31
Euroimmun Euroline	0	22	0	21	0	21	0	22	0	21
Zentech Dotzen	0	2	0	2	0	3	0	2	0	2
Enzyme Immunoassay/ELISA	2	19	0	12	0	12	2	15	0	19
In House	0	9	0	6	0	6	0	6	0	8
Buhlmann Gangliocombi	1	9	0	4	0	4	1	8	0	9
Buhlmann Gangliocombi MAG	1	1	0	2	0	2	1	1	0	2

IgM	GM1		GM2		GD1a		GD1b		GQ1b	
	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG
Immunoblotting	56	2	1	55	1	56	47	11	0	56
In House	1	0	0	1	0	1	1	0	0	1
GA Generic Assays	32	1	1	32	1	32	28	5	0	32
Euroimmun Euroline	21	1	0	20	0	20	18	4	0	21
Zentech Dotzen	2	0	0	2	0	3	0	2	0	2
Enzyme Immunoassay/ELISA	21	0	0	12	2	10	16	0	0	15
In House	9	0	0	6	0	6	6	0	0	6
Buhlmann Gangliocombi	10	0	0	4	1	3	8	0	0	7
Buhlmann Gangliocombi MAG	2	0	0	2	1	1	2	0	0	2

IgG/IgM Screen	GM1		GM2		GD1a		GD1b		GQ1b	
	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG
Immunoblotting	12	1	1	12	0	13	9	4	0	13
GA Generic Assays	11	1	1	11	0	12	9	3	0	12
Zentech Dotzen	1	0	0	1	0	1	0	1	0	1
Enzyme Immunoassay/ELISA	7	0	0	4	2	3	4	0	0	6
In House	3	0	0	1	0	2	1	0	0	3
Buhlmann Gangliocombi	3	0	0	2	2	0	2	0	0	2
Buhlmann Gangliocombi MAG	1	0	0	1	0	1	1	0	0	1

Summary Page for Sample 185-2

IgG	Returns	Positive	Negative
GM1	73	0	73
GM2	64	0	64
GD1a	65	0	65
GD1b	70	0	70
GQ1b	71	0	71

IgM	Returns	Positive	Negative
GM1	74	2	72
GM2	65	0	65
GD1a	66	0	66
GD1b	69	2	67
GQ1b	68	0	68

IgG/IgM Screen	Returns	Positive	Negative
GM1	22	1	21
GM2	19	1	18
GD1a	20	0	20
GD1b	20	1	19
GQ1b	21	0	21

Your Results for Sample 185-2

IgG	IgM	IgG/IgM Screen
GM1: No Response	GM1: No Response	GM1: No Response
GM1 Method: Immunoblotting	GM1 Method: Immunoblotting	GM1 Method: Immunoblotting
GM1 Manufacturer: Zentech Dotzen	GM1 Manufacturer: Zentech Dotzen	GM1 Manufacturer: Zentech Dotzen
GM2: No Response	GM2: No Response	GM2: No Response
GM2 Method: Immunoblotting	GM2 Method: Immunoblotting	GM2 Method: Immunoblotting
GM2 Manufacturer: Zentech Dotzen	GM2 Manufacturer: Zentech Dotzen	GM2 Manufacturer: Zentech Dotzen
GD1a: No Response	GD1a: No Response	GD1a: No Response
GD1a Method: Immunoblotting	GD1a Method: Immunoblotting	GD1a Method: Immunoblotting
GD1a Manufacturer: Zentech Dotzen	GD1a Manufacturer: Zentech Dotzen	GD1a Manufacturer: Zentech Dotzen
GD1b: No Response	GD1b: No Response	GD1b: No Response
GD1b Method: Immunoblotting	GD1b Method: Immunoblotting	GD1b Method: Immunoblotting
GD1b Manufacturer: Zentech Dotzen	GD1b Manufacturer: Zentech Dotzen	GD1b Manufacturer: Zentech Dotzen
GQ1b: No Response	GQ1b: No Response	GQ1b: No Response
GQ1b Method: Immunoblotting	GQ1b Method: Immunoblotting	GQ1b Method: Immunoblotting
GQ1b Manufacturer: Zentech Dotzen	GQ1b Manufacturer: Zentech Dotzen	GQ1b Manufacturer: Zentech Dotzen

IgG

	GM1		GM2		GD1a		GD1b		GQ1b	
	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG
Immunoblotting	0	53	0	52	0	53	0	53	0	52
In House	0	1	0	1	0	1	0	1	0	1
GA Generic Assays	0	28	0	28	0	28	0	28	0	27
Euroimmun Euroline	0	22	0	21	0	21	0	22	0	22
Zentech Dotzen	0	2	0	2	0	3	0	2	0	2
Enzyme Immunoassay/ELISA	0	20	0	12	0	12	0	17	0	19
In House	0	8	0	6	0	6	0	6	0	8
Buhlmann Gangliocombi	0	10	0	4	0	4	0	9	0	9
Buhlmann Gangliocombi MAG	0	2	0	2	0	2	0	2	0	2

IgM

	GM1		GM2		GD1a		GD1b		GQ1b	
	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG
Immunoblotting	2	52	0	53	0	54	2	51	0	53
In House	0	1	0	1	0	1	0	1	0	1
GA Generic Assays	1	28	0	29	0	29	1	27	0	28
Euroimmun Euroline	1	21	0	21	0	21	1	21	0	22
Zentech Dotzen	0	2	0	2	0	3	0	2	0	2
Enzyme Immunoassay/ELISA	0	20	0	12	0	12	0	16	0	15
In House	0	8	0	6	0	6	0	6	0	6
Buhlmann Gangliocombi	0	10	0	4	0	4	0	8	0	7
Buhlmann Gangliocombi MAG	0	2	0	2	0	2	0	2	0	2

IgG/IgM Screen

	GM1		GM2		GD1a		GD1b		GQ1b	
	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG
Immunoblotting	1	12	1	12	0	13	1	12	0	13
GA Generic Assays	1	11	1	11	0	12	1	11	0	12
Zentech Dotzen	0	1	0	1	0	1	0	1	0	1
Enzyme Immunoassay/ELISA	0	7	0	4	0	5	0	4	0	6
In House	0	3	0	1	0	2	0	1	0	3
Buhlmann Gangliocombi	0	3	0	2	0	2	0	2	0	2
Buhlmann Gangliocombi MAG	0	1	0	1	0	1	0	1	0	1