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### UK NEQAS for Ganglioside Antibodies

Distribution : 183	May 2018	Participant : 94317
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86 out of 110 participants returned data for this distribution. 78% response rate.

#### Nil Responses

10712, 10732, 10858A, 12221, 12257, 14292, 14398, 14441, 14513, 14513A, 14513B, 90467, 94027, 94475, NOKLUS, YVSOLAB, ORG, BIOG, INFO, CODEX, SEQC, VAR, ORG\_G, ORG\_A

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

**Sample 183-2** was a plasmaphoresis sample from a patient with a neurological condition.

Analyte		Sample 183-1			Sample 183-2			OMIS
		Designated Response	Your Response	Score	Designated Response	Your Response	Score	
GM1	IgG	Negative	Negative	0	Negative	Negative	0	0
	IgM	Negative	Negative	0	Positive	Positive	0	0
	IgG/IgM Screen	Negative	No Response	0	Positive	No Response	0	0
GM2	IgG	Negative	Negative	0	Negative	Negative	0	0
	IgM	Negative	Negative	0	Negative	Negative	0	0
	IgG/IgM Screen	Negative	No Response	0	Negative	No Response	0	0
GD1a	IgG	Negative	Negative	0	Negative	Negative	0	0
	IgM	Negative	Negative	0	Negative	Negative	0	0
	IgG/IgM Screen	Negative	No Response	0	Negative	No Response	0	0
GD1b	IgG	Negative	Negative	0	Negative	Negative	0	0
	IgM	Negative	Negative	0	Positive	Positive	0	0
	IgG/IgM Screen	Negative	No Response	0	Positive	No Response	0	0
GQ1b	IgG	Negative	Negative	0	Negative	Negative	0	0
	IgM	Negative	Negative	0	Negative	Negative	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

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 183-1

<b>IgG</b>	<b>Returns</b>	<b>Positive</b>	<b>Negative</b>
GM1	74	0	74
GM2	67	0	67
GD1a	67	0	67
GD1b	71	0	71
GQ1b	73	0	73

<b>IgM</b>	<b>Returns</b>	<b>Positive</b>	<b>Negative</b>
GM1	75	2	73
GM2	68	0	68
GD1a	68	0	68
GD1b	71	0	71
GQ1b	71	0	71

<b>IgG/IgM Screen</b>	<b>Returns</b>	<b>Positive</b>	<b>Negative</b>
GM1	20	0	20
GM2	17	0	17
GD1a	18	0	18
GD1b	18	0	18
GQ1b	20	0	20

## Your Results for Sample 183-1

IgG	IgM	IgG/IgM Screen
GM1: Negative	GM1: Negative	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: Negative	GM2: Negative	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: Negative	GD1a: Negative	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: Negative	GD1b: Negative	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: Negative	GQ1b: Negative	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
<b>Immunoblotting</b>	<b>0</b>	<b>55</b>	<b>0</b>	<b>54</b>	<b>0</b>	<b>54</b>	<b>0</b>	<b>55</b>	<b>0</b>	<b>55</b>
In House	0	1	0	1	0	1	0	1	0	1
GA Generic Assays	0	27	0	27	0	27	0	27	0	27
Euroimmun Euroline	0	24	0	23	0	23	0	24	0	24
Zentech Dotzen	0	3	0	3	0	3	0	3	0	3
<b>Enzyme Immunoassay/ELISA</b>	<b>0</b>	<b>19</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>18</b>
In House	0	8	0	6	0	6	0	6	0	8
Buhlmann Gangliocombi	0	8	0	4	0	4	0	7	0	7
Buhlmann Gangliocombi MAG	0	3	0	3	0	3	0	3	0	3

IgM	GM1		GM2		GD1a		GD1b		GQ1b	
	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG
<b>Immunoblotting</b>	<b>1</b>	<b>55</b>	<b>0</b>	<b>55</b>	<b>0</b>	<b>55</b>	<b>0</b>	<b>56</b>	<b>0</b>	<b>56</b>
In House	0	1	0	1	0	1	0	1	0	1
GA Generic Assays	1	27	0	28	0	28	0	28	0	28
Euroimmun Euroline	0	24	0	23	0	23	0	24	0	24
Zentech Dotzen	0	3	0	3	0	3	0	3	0	3
<b>Enzyme Immunoassay/ELISA</b>	<b>1</b>	<b>18</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>15</b>
In House	0	8	0	6	0	6	0	6	0	6
Buhlmann Gangliocombi	1	7	0	4	0	4	0	6	0	6
Buhlmann Gangliocombi MAG	0	3	0	3	0	3	0	3	0	3

IgG/IgM Screen	GM1		GM2		GD1a		GD1b		GQ1b	
	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG
<b>Immunoblotting</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>12</b>
GA Generic Assays	0	11	0	11	0	11	0	11	0	11
Zentech Dotzen	0	1	0	1	0	1	0	1	0	1
<b>Enzyme Immunoassay/ELISA</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>7</b>
In House	0	3	0	1	0	2	0	1	0	3
Buhlmann Gangliocombi	0	4	0	3	0	3	0	3	0	3
Buhlmann Gangliocombi MAG	0	1	0	1	0	1	0	1	0	1

### Summary Page for Sample 183-2

<b>IgG</b>	<b>Returns</b>	<b>Positive</b>	<b>Negative</b>
GM1	77	15	62
GM2	70	1	69
GD1a	70	0	70
GD1b	74	3	71
GQ1b	75	0	75

<b>IgM</b>	<b>Returns</b>	<b>Positive</b>	<b>Negative</b>
GM1	78	76	2
GM2	70	2	68
GD1a	70	6	64
GD1b	74	62	12
GQ1b	73	0	73

<b>IgG/IgM Screen</b>	<b>Returns</b>	<b>Positive</b>	<b>Negative</b>
GM1	20	20	0
GM2	16	1	15
GD1a	17	4	13
GD1b	18	15	3
GQ1b	19	0	19

## Your Results for Sample 183-2

IgG	IgM	IgG/IgM Screen
GM1: Negative	GM1: Positive	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: Negative	GM2: Negative	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: Negative	GD1a: Negative	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: Negative	GD1b: Positive	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: Negative	GQ1b: Negative	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
<b>Immunoblotting</b>	<b>9</b>	<b>48</b>	<b>1</b>	<b>55</b>	<b>0</b>	<b>56</b>	<b>1</b>	<b>56</b>	<b>0</b>	<b>56</b>
In House	0	1	0	1	0	1	0	1	0	1
GA Generic Assays	8	22	0	30	0	30	0	30	0	29
Euroimmun Euroline	1	22	1	21	0	22	1	22	0	23
Zentech Dotzen	0	3	0	3	0	3	0	3	0	3
<b>Enzyme Immunoassay/ELISA</b>	<b>6</b>	<b>13</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>13</b>	<b>2</b>	<b>14</b>	<b>0</b>	<b>18</b>
In House	3	5	0	6	0	6	0	6	0	8
Buhlmann Gangliocombi	2	6	0	4	0	4	1	6	0	7
Buhlmann Gangliocombi MAG	1	2	0	3	0	3	1	2	0	3

IgM	GM1		GM2		GD1a		GD1b		GQ1b	
	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG
<b>Immunoblotting</b>	<b>58</b>	<b>1</b>	<b>2</b>	<b>55</b>	<b>1</b>	<b>56</b>	<b>47</b>	<b>12</b>	<b>0</b>	<b>58</b>
In House	1	0	1	0	0	1	1	0	0	1
GA Generic Assays	32	0	1	31	1	31	25	7	0	32
Euroimmun Euroline	22	1	0	21	0	21	20	3	0	22
Zentech Dotzen	3	0	0	3	0	3	1	2	0	3
<b>Enzyme Immunoassay/ELISA</b>	<b>18</b>	<b>1</b>	<b>0</b>	<b>13</b>	<b>5</b>	<b>8</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>15</b>
In House	8	0	0	6	0	6	6	0	0	6
Buhlmann Gangliocombi	7	1	0	4	3	1	6	0	0	6
Buhlmann Gangliocombi MAG	3	0	0	3	2	1	3	0	0	3

IgG/IgM Screen	GM1		GM2		GD1a		GD1b		GQ1b	
	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG
<b>Immunoblotting</b>	<b>11</b>	<b>0</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>10</b>	<b>8</b>	<b>3</b>	<b>0</b>	<b>10</b>
GA Generic Assays	10	0	1	8	0	9	8	2	0	9
Zentech Dotzen	1	0	0	1	0	1	0	1	0	1
<b>Enzyme Immunoassay/ELISA</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>7</b>
In House	3	0	0	1	0	2	1	0	0	3
Buhlmann Gangliocombi	4	0	0	3	2	1	3	0	0	3
Buhlmann Gangliocombi MAG	1	0	0	1	1	0	1	0	0	1