Invoice	D-4- 0 T D							
100 100	Date & Tax Po		Invoice No.		RSR LIMITED		4(29)2068	Page 3 9299
03 February 2021 Date Requested		[L		PARC TY GLA	AS FAX: +4	4(29)207	75 7770	
		Customer P	urchase No.	CARDIFF				
14, 2	2 & 26 Janua	irv	A12334	, 14383, A14384,	CF14 5DU			
	2021	Ì		A13912	VAT REGISTRA	ATION NO: GB	736 8339	02
Bill to:-		+	75	In II	EORI NO: GB 7	36 8339 02 000		
Dill to				Deliver to:-				
Cisbio Bio	oassays			SDV		For:		
Parc Marcel Boiteux BP 84175				CDG Roissy Airp	oort	Cisbio Bioassa	ays	
30 200						BP 32 91192	1	
Codolet FRANCE				v - m, *		Gif Sur Yvette	Cedex	
INANCE						FRANCE		
				- 1 - 1				
VAT No.		FR	463 122 618 9	4 ICCN 3	3822 0000			
Quantity	Order Code		scription	1000		Unit Price	A.	
		1			1838	EUROS	Total	Amount
44	AQP4/96/2	1.30	P4 Ab ELISA v2	The transfer of the AVI (AVI )		€ 450.00	67	450.00
1 1	MSK/TRS	1.40	SK Tracer (inc. C			€ 145.00		145.0
	RBAN/25 LEM/25	- 2	R Ab IPA 25T . CC Ab (LEMS) R	The state of the s	1/A	€ 42.00	l .	42.00
	VGK/25		C Ab (LEMS) R			€ 220.00	104.1	220.0
	V 01020	VO	10 /10 KIA 201	Cys. Na.	100	€ 227.00		908.00
- 3		1						
1 1 1 1 1		1.5		A Soldsy Zing	1 01	10/9		1
		ter took gain, jak mantamatopa tertaa tea too tagata . Taann			Pe 08/ M. BON		0 2/2	_
			Total MR	CCT	M. 30N		0 6-2	_
the under	signed do hereby	certi	fy that the goods		M. BON		0 8-2	
nentioned lingdom ori	on the invoice gin and that the	are v	fy that the goods wholly of United ulars covered are	q of 125-l = 0.174 On arrival keep	M. BOW	Dis	0 e2	1,765.00
nentioned lingdom ori ue and cor	on the invoice gin and that the rect." For and on	are v	fy that the goods wholly of United ulars covered are	q of 125-I = 0.174  On arrival keep refrigerated	M. BON	Dis	) e_	
entioned ingdom ori ue and cor	on the invoice gin and that the rect." For and on	are v partic behal	fy that the goods wholly of United ulars covered are	q of 125-l = 0.174 On arrival keep	M. BOW	Dis		1,765.00
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nentioned lingdom ori ue and cor Authorised the	on the invoice gin and that the rect." For and on Signatory)	are v partic behal	fy that the goods wholly of United ulars covered are f of RSR Limited.	of 125-I = 0.174  On arrival keep refrigerated 2-8°C  03 February 2021	Subtotal Shipping and Hai	ndling		1,765.00 0.00
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entioned ingdom ori ue and cor uthorised shipping our banke	on the invoice gin and that the rect." For and on Signatory)  Date  ers:	are partice behal	fy that the goods wholly of United ulars covered are for RSR Limited.	of 125-I = 0.174  On arrival keep refrigerated 2-8°C  03 February 2021  ank Plc  UK4012763954477	Subtotal Shipping and Ha Invoice Total  Account Nar 70 Sort Code: Account No. We	me: RSR Lim 40-12-76 3954477 eight: Net: Gross:	nited 3 '0	1,765.00
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entioned ingdom ori ue and cor authorised shipping our banke	on the invoice gin and that the rect." For and on Signatory)  Date  ers:  Checker (Intl)  Signature	are particular particu	fy that the goods wholly of United ulars covered are for RSR Limited.  HSBC Ba GB44HB HBUKGE Shipping Detal Courier: - AWB: Flight:	On arrival keep refrigerated 2-8°C  03 February 2021 ank Plc UK4012763954477 34B ils  Alexian	Subtotal Shipping and Hai Invoice Total  Account Nar 70 Sort Code: Account No. We n Din 724-0919 5141 41	me: RSR Lim 40-12-76 3954477 eight: Net: Gross: nensions (cm):	nited 3 '0 3 4 (Qty)	1,765.00 0.00 1,765.00

Title:

## Quality Control Record Sheet AQP4 Ab ELISA Version 2 Kit QC Data

Prepared by: G. Flood

Approved by: S. Stephenson

Document: Revision:

wi/qcrs/0.36a

Date:

Incubation temp: 21°C

8.10.18

Page

1 of 1

Kit lot number: 2KAQE64 Kit expiry date: 31st October 2021

Reagent Lot Numbers:

AQP4 Coated Wells: 2AQE70 Expiry date: 01 May 2022

AQP4-Biotin: 2AQB24b Expiry date: 28 April 2022

Reconstitution

Buffer for AQP4-Biotin: 2AQBR22 Expiry date: 03 July 2022

SA-POD: GEP380 Expiry date: 14 January 2022

Diluent for SA-POD: PB161 Expiry date: 18 October 2022

Peroxidase Substrate: PTS124 Expiry date: 03 September 2023

Stop Solution: <u>HESP107</u> Expiry date: <u>15 September 2022</u>

Concentrated Wash Solution: AQCW54 Expiry date: 10 July 2022

Calibrators: 2AQEC68 Expiry date: 10 November 2021

Negative Control: 2AQENC68 Expiry date: 10 November 2021

Positive Controls: 2AQEPCa/b68 Expiry date: 10 November 2021

Calibrator Curve and Controls:

Calibrator Concentration (u/mL)	Absorbance at 450 nm
Negative Control	0.042
1.5	0.066
5	0.236
20	1.013
40	2.466
80*	5.307

<sup>\*</sup>Absorbance derived from reading at 405 nm

Positive Control	Absorbance at 450 nm	Concentration (u/mL)	Range (u/mL)
Control I	0.527	11.9	11 ± 4
Control II	1.361	25.2	26 ± 9

Materials of human origin used in the manufacture of this product have been tested and found non-reactive for HIV1 and 2 and HCV antibodies and HBsAg at the time of testing.

Assay performed by:

Sinead Stephenson

Authorised by: DR

G /100!)

Signature:

5 Stephenson

Signature:

Position: MEAD OF

Position:

Lab Technician

Date: 22 NO TAN 2021

Date:

15 January 2021

Quality Control Record Sheet <sup>125</sup>I-labelled MuSK QC Data Title:

G FLOOD

Prepared by: Approved by: **R STEPHENS**  Document:

wi/qcrs/0.30

Revision: Issue date:

17 October 2013

Page

1 of 1

QC Sheet no:	MK199			
<sup>125</sup> I-labelled MuSK lot no:	MK199			
Specific activity of 125 I-labelled MuSK:	2210	Ci/mmol (	40.2	μCi/μg)
Total cpm in 50 μL of labelled MuSK:	46673			
MuSK labelling date: 11 January 2021	Expiry date: 08	March 2021	_	
% Counter Efficiency:72.5	3			

<sup>125</sup>I Decay Table:

QC date (weeks after labelling date)	Decay factor
up to 1 week	1.0
+1 - 2 weeks	1.1
+2 - 3 weeks	1.2
+3 - 4 weeks	1.3
+4 - 5 weeks	1.4
+ 5 - 6 weeks	1.5
+ 6 - 7 weeks	1.6
+ 7 - 8 weeks	1.75

Materials of human origin used in the manufacture of this product have been tested and found nonreactive for HIV1 and 2 and HCV antibodies and HBsAg at the time of testing.

Assay Date:	14 January 2021	Authorised by: DR G FLOOD
Performed by:	Jonathon Davies	Signature: <
Signature:	97	Position: Head of Quality Control
Position:	Scientist	Date: 14 TAN 2021

When the	above tracer was tested	with AChRAb IPA kit lot KRBAN 176, 50	μl of the negative contro	ol lot
MKN	37a gave a result of	196 cpm and 50 $\mu\text{l}$ of the positive control	lot MKP37a_gave	а
result of	10892 cpm			

Methods for diagnosing myasthenia gravis by detecting autoantibodies to MuSK are the subject of patents EP327147 B1 and US7,267,820 B2.

Title:

Quality Control Record Sheet VGCC Ab QC Data

Prepared by: Approved by: J Davies

G Flood

Document: Revision:

wi/qcrs/0.15

Date:

15/08/18

Page

1 of 1

Kit Lot Number: LK225		1	Kit Expiry Date: 0	9 APRIL 2021	
Kit Manufacture Date: 22	JANUARY 2021				
<sup>125</sup> I-VGCC for total binding lot nur	mber:	LT225	Expiry Date:	09 APRIL 2021	
<sup>125</sup> I-VGCC for non-specific binding	g lot number: _	NS225	Expiry Date: _	09 APRIL 2021	
Dilution buffer lot number:		219LB	Expiry Date:	09 APRIL 2021	
Anti-human IgG lot number:		25LGae	Expiry Date: _	09 APRIL 2021	
Wash solution lot number:		142LW	Expiry Date: _	09 APRIL 2021	
Negative control lot number:		19LNh	Expiry Date: _	09 APRIL 2021	
Positive control lot number:	*	24LPn	Expiry Date: _	09 APRIL 2021	
At Manufacture Date:	6436	dpm = 1	1 fmole		
At QC Assay Date <sup>1</sup> :	6146	dpm = 1	1 $f$ mole (conversion	on factor A)	
Counter Efficiency: 76.25 % (B)		2	Positive control ra	ange: <u>160 ± 70</u> pmo	ı/L

	NS	SB	Т			
	Mean cpm -	fmol/	Mean cpm - fmol/ 125I-conotoxin pmo			pmol/L serum
Sample	background	Pellet (E)	background	pellet (D)	labelled VGCC	VGCC Ab (after
Total counts	17606	3.757	17990	3.839	bound	subtraction of
					(pmol/L serum)	negative control)
Negative control	243	0.052	459	0.098	18.5(G)	-
Positive control	278	0.059	2260	0.482	169.2 (F)	150.7 <sup>2</sup> (H)
Test sample 1	307	0.066	2822	0.602	214.7 (F)	196.2 (H)
Test sample 2b	234	0.050	1111	0.237	74.9 (F)	56.4 (H)
Test sample 3b	286	0.061	2387	0.509	179.4 (F)	160.9 (H)
Test sample 4a	162	0.035	1843	0.393	143.5 (F)	125.0 (H)
Test sample 5d	261	0.056	1823	0.389	133.4 (F)	114.9 (H)

Assay date (weeks after QC assay)	Decay factor (C)	Assay date (weeks after QC assay)	Decay factor (C)
Up to 1 week	1.00	+ 6 – 7 weeks	0.61
+ 1 – 2 weeks	0.92	+ 7 – 8 weeks	0.56
+ 2 – 3 weeks	0.85	+ 8 – 9 weeks	0.52
+ 3 – 4 weeks	0.78	+ 9 – 10 weeks	0.48
+ 4 – 5 weeks	0.72	+ 10 – 11 weeks	0.44
+ 5 – 6 weeks	0.66		

Materials of human origin used in the manufacture of this product have been tested and found non-reactive for HIV1 and 2 and HCV antibodies and HBsAg at the time of testing.

QC Assay Date <sup>1</sup> : <u>26 JANUARY 2</u>	021 Authorised by: OR G FLOOD
Performed by: L GUO	Signature: 5 Aud
Signature:	Position: Head of Quality Control
Position: Senior Scientist	Date: 29 TAN 2021

Title:

## Quality Control Record Sheet VGKC Ab Kit QC Data

Prepared by: G Flood

Approved by: S Stephenson

Document: Revision:

wi/qcrs/0.37

Date:

15.08.18

1 of 1

Page

Kit lot number: VGK76	<b>)</b>	Kit Expiry Date:	02 Apr 2021
<sup>125</sup> I-Labelled VGKC lot number:	VKT76	Expiry Date:	02 Apr 2021
Anti-Human IgG lot number:	VKG12	Expiry Date:	15 Jan 2022
Assay Buffer lot number:	VKB53	Expiry Date:	05 Jul 2021
Negative Control:	VKNC73	Expiry Date:	30 Apr 2021
Positive Controls I and II:	VKPCa/b73	Expiry Date:	30 Apr 2021

Tracer manufacture date: 22<sup>nd</sup>

22<sup>nd</sup> January 2021

Total cpm in 50 μL of <sup>125</sup>I – VGKC: \_\_\_\_\_\_

Specific activity of toxin (K): \_\_\_\_\_\_Ci/mmol

Counter efficiency: 72.3 %

Assay date (weeks after manufacture)	Decay factor (A)
Up to 1 week	1.0
+1 – 2 weeks	1.1
+2 – 3 weeks	1.2
+3 - 4 weeks	1.3
+4 – 5 weeks	1.4
+5 – 6 weeks	1.5
+6 – 7 weeks	1.6
+7 – 8 weeks	1.75
+8 – 9 weeks	1.9
+9 – 10 weeks	2.1

	Mean cpm	рМ	Range (pM)
Negative Control	1043	-	-
Positive Control I	12641	442.0	450 ± 130
Positive Control II	6661	214.1	210 ± 60

Materials of human origin used in the manufacture of this product have been tested and found non-reactive for HIV1 and 2 and HCV antibodies and HBsAg at the time of testing.

Assay performed	by:Fiona Ryrie	Authorised by: DR G Fuco
Signature:	fiona nyme	Signature: 5
Position:	Scientific Assistant	Position: MEAD OF QC
Date of assay:	27 <sup>th</sup> January 2021	Date: 27 M JAN 2021