Kit lot no:	**KRBA327**	Expiry date:	**01 Nov 2022**
Labelled Receptor lot no:	**RBA327**	Expiry date:	01 Nov 2022
Reconstitution buffer lot no:	**167B**	Expiry date:	15 Apr 2023
Precipitation enhancer lot no:	**PE185**	Expiry date:	21 Jun 2023
Anti human IgG lot no:	**180Gc**	Expiry date:	04 Jun 2023
Normal Human serum lot no:	**DLA120d**	Expiry date:	04 Jun 2023
Washing solution lot no:	**423W**	Expiry date:	09 Jun 2023
Negative control lot no:	**139Nb**	Expiry date:	04 Jun 2023
Positive control lot no:	**116PCp**	Expiry date:	04 Jun 2023

Total cpm in 50μL of labelled receptor: **76692**

Serum sample (5 μL)	**cpm bound**	**nmole/litre toxin bound**
Negative control	**1263**	-
Positive control (range)	**8208**	**4.6** (2.8 – 6.4)
QC sera (neat and diluted in normal human serum)		
(A) K3 (lot B)	**4627**	**2.2**
K3/2	**3053**	**1.2**
(B) K4 (lot E)	**2323**	**0.71**
K4/2	**1745**	**0.32**
(C) K5 (lot C)	**11942**	**7.1**
K5/2	**7883**	**4.4**
ε-specific serum	**11079**	**6.5**
MG7a	**16551**	**10.2**
MG6b	**13630**	**8.2**

Specific activity of toxin (K): **187** Ci/mmol % Counter Efficiency: **72.3%**

Receptor labelling date: **30 Aug 2022** Receptor expiry date: **01 Nov 2022**

Kit lot no: **KRBA327** Expiry date: **01 Nov 2022**

Assay date (weeks after receptor labelling)	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

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 date: **02 Sep 2022**
Performed by: **A Lee**
Signature: pp. A Lee
Position: **Principal Technician**

Authorised by: JILL CLARK
Signature: Jill Clark
Position: pp. **Head of Quality Control**
Date: 05 SEP 2022

Re: AChRAb Standard Curve (lot no. *ASC20b;* expiry date. 04 Jun 2023)

To use this standard curve, plot the mean cpm bound for each standard obtained in your assay against the corresponding nmol/litre value shown in the table below.

No ^{125}I decay correction is needed.

Our QC data for the standard curve, obtained with AChR lot **RBA327** are as follows:

Standard	Actual value at QC
1	**0.29** nmol/litre
2	**1.1** nmol/litre
3	**3.9** nmol/litre
4	**8.6** nmol/litre
Value of positive control **116PCp** read off standard curve = 4.5 nmol/litre (Range: 2.8-6.4 nmol/litre)	

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 Date: **02 Sep 2022**
Performed by: **A Lee**
Signature: pp. [signature]
Position: Principal Technician

Authorised by: Jill Clark
Signature: [signature]
Position: pp. **Head of Quality Control**
Date: 05 SEP 2022