

Title: **Quality Control Record Sheet**
VGKC Ab Kit QC Data

Prepared by: G Flood
Approved by: S Stephenson

Document: wi/qcrs/0.37
Revision: 3
Date: 15.08.18
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Kit lot number: VGK78 Kit Expiry Date: 23 Jul 2021
¹²⁵I-Labelled VGKC lot number: VKT78 Expiry Date: 23 Jul 2021
Anti-Human IgG lot number: VKG13 Expiry Date: 13 Jul 2022
Assay Buffer lot number: VKB54 Expiry Date: 19 Oct 2021
Negative Control: VKNC75 Expiry Date: 23 Aug 2021
Positive Controls I and II: VKPCa/b75 Expiry Date: 23 Aug 2021

Tracer manufacture date: 14th May 2021
Total cpm in 50 μ L of ¹²⁵I – VGKC: 56449
Specific activity of toxin (K): 2957 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	pM	Range (pM)
Negative Control	1092	-	-
Positive Control I	10544	421.8	430 $\pm$ 120
Positive Control II	5548	198.8	200 $\pm$ 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
Signature: Fiona Ryrie
Position: Scientist
Date of assay: 19th May 2021

Authorised by: DR G Flood
Signature: G Flood
Position: HEAD of QC
Date: 21st MAY 2021