

Title: **Quality Control Record Sheet**
¹²⁵I-labelled MuSK QC Data

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Page 1 of 1

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Approved by: J BRADBURY

Kit Lot Number: <u>KMK229</u>	Kit Expiry Date: <u>09 JANUARY 2023</u>
¹²⁵I-labelled MuSK: <u>MK229</u>	Expiry Date: <u>09 JANUARY 2023</u>
Reconstitution Buffer: <u>167B</u>	Expiry Date: <u>15 APRIL 2023</u>
Anti Human IgG: <u>180Gh</u>	Expiry Date: <u>20 AUGUST 2023</u>
Precipitation Enhancer: <u>PE186</u>	Expiry Date: <u>10 AUGUST 2023</u>
Wash Solution: <u>422W</u>	Expiry Date: <u>25 MAY 2023</u>
Negative Control: <u>MKN40g</u>	Expiry Date: <u>20 MAY 2023</u>
Positive Control: <u>MKP40a</u>	Expiry Date: <u>20 MAY 2023</u>

Specific activity of ¹²⁵I-labelled MuSK: 2067 Ci/mmol (37.6 µCi/µg)

Total cpm in 50 µL of labelled MuSK: 38968

MuSK labelling date: 14 November 2022

% Counter Efficiency: 72.3

¹²⁵I 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

Positive Control	Mean cpm	Nmol/L	Range (nmol/L)
Negative Control	274	-	-
Positive Control	10306	0.6554	0.63 ± 0.31

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: 24 November 2022
Performed by: Jonathon Davies
Signature: [Signature]
Position: Scientist

Authorised by: DR G Flood
Signature: [Signature]
Position: Head of Quality Control
Date: 25th Nov 2022