

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

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 Page **1 of 1**

Prepared by: **G FLOOD**
 Approved by: **J BRADBURY**

Kit Lot Number: _____	KMK248	Kit Expiry Date: <u>29 APRIL 2024</u>
¹²⁵ I-labelled MuSK: _____	MK248	Expiry Date: <u>29 APRIL 2024</u>
Reconstitution Buffer: _____	171B	Expiry Date: <u>18 JULY 2024</u>
Anti Human IgG: _____	181Gm	Expiry Date: <u>10 DECEMBER 2024</u>
Precipitation Enhancer: _____	PE193	Expiry Date: <u>29 OCTOBER 2024</u>
Wash Solution: _____	439W	Expiry Date: <u>18 JULY 2024</u>
Negative Control: _____	MKN41p	Expiry Date: <u>10 SEPTEMBER 2024</u>
Positive Control: _____	MKP42g	Expiry Date: <u>10 SEPTEMBER 2024</u>

Specific activity of ¹²⁵I-labelled MuSK: _____ **1908** _____ Ci/mmol (**34.7** μCi/μg)

Total cpm in 50 μL of labelled MuSK: _____ **4689 4**

MuSK labelling date: 04 MARCH 2024

% 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	362	-	-
Positive Control	13125	0.8211	0.77 ± 0.38

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: 07 MARCH 2024
 Performed by: Jonathon Davies
 Signature: _____
 Position: Senior Scientist

Authorised by: DR G FLOOD
 Signature: _____
 Position: Head of Quality Control
 Date: 7th MAR 2024