

Title: **Quality Control Record Sheet
MuSK Ab Assay QC Data**

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Prepared by: G FLOOD
Approved by: J BRADBURY

Kit Lot Number: _____	KMK263	Kit Expiry Date: <u>31 MARCH 2025</u>
¹²⁵ I-labelled MuSK: _____	MK263	Expiry Date: <u>31 MARCH 2025</u>
Reconstitution Buffer: _____	175B	Expiry Date: <u>25 SEPTEMBER 2025</u>
Anti Human IgG: _____	185Gd	Expiry Date: <u>09 NOVEMBER 2025</u>
Precipitation Enhancer: _____	PE198	Expiry Date: <u>31 OCTOBER 2025</u>
Wash Solution: _____	457W	Expiry Date: <u>07 SEPTEMBER 2025</u>
Negative Control: _____	MKN42p	Expiry Date: <u>09 AUGUST 2025</u>
Positive Control: _____	MKP44d	Expiry Date: <u>09 AUGUST 2025</u>

Specific activity of ¹²⁵I-labelled MuSK: _____ 1935 Ci/mmol (35.2 µCi/µg)

Total cpm in 50 µL of labelled MuSK: _____ 45916

MuSK labelling date: 03 FEBRUARY 2025

% Counter Efficiency: _____ 73.4

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	431	-	-
Positive Control	14434	0.8883	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: 06 FEBRUARY 2025
Performed by: Jonathon Davies
Signature: _____
Position: Senior Scientist

Authorised by: DR G FLOOD
Signature: _____
Position: Head of Quality Control
Date: 6TH FEB 2025