

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

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Approved by: J BRADBURY

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<b>Kit Lot Number:</b> _____	<u>KMK259</u>	<b>Kit Expiry Date:</b> <u>06 JANUARY 2025</u>
<sup>125</sup> I-labelled MuSK: _____	<u>MK259</u>	Expiry Date: <u>06 JANUARY 2025</u>
Reconstitution Buffer: _____	<u>174B</u>	Expiry Date: <u>06 JUNE 2025</u>
Anti Human IgG: _____	<u>185Ga</u>	Expiry Date: <u>17 AUGUST 2025</u>
Precipitation Enhancer: _____	<u>PE197</u>	Expiry Date: <u>05 AUGUST 2025</u>
Wash Solution: _____	<u>450W</u>	Expiry Date: <u>04 APRIL 2025</u>
Negative Control: _____	<u>MKN42k</u>	Expiry Date: <u>17 MAY 2025</u>
Positive Control: _____	<u>MKP44a</u>	Expiry Date: <u>17 MAY 2025</u>

Specific activity of <sup>125</sup>I-labelled MuSK: \_\_\_\_\_ 2269 Ci/mmol ( 41.3  $\mu$ Ci/ $\mu$ g)

Total cpm in 50  $\mu$ L of labelled MuSK: \_\_\_\_\_ 45023

MuSK labelling date: 11 NOVEMBER 2024

% Counter Efficiency: \_\_\_\_\_ 73.4

<sup>125</sup>I 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	434	-	-
Positive Control	14148	0.7418	0.77 $\pm$ 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: 14 NOVEMBER 2024

Authorised by: SARAH NUTE

Performed by: Jonathon Davies

Signature: SRNute

Signature: [Signature]

Position: pp Head of Quality Control

Position: Senior Scientist

Date: 15 NOV 2024