

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

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Approved by: J BRADBURY

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Kit Lot Number: KMK266A
¹²⁵I-labelled MuSK: MK266
Reconstitution Buffer: 175B
Anti Human IgG: 185Gg
Precipitation Enhancer: PE199
Wash Solution: 457W
Negative Control: MKN44b
Positive Control: MKP44g

Kit Expiry Date: 23 JUNE 2025
Expiry Date: 23 JUNE 2025
Expiry Date: 25 SEPTEMBER 2025
Expiry Date: 04 FEBRUARY 2026
Expiry Date: 21 JANUARY 2026
Expiry Date: 07 SEPTEMBER 2025
Expiry Date: 04 NOVEMBER 2025
Expiry Date: 04 NOVEMBER 2025

Specific activity of ¹²⁵I-labelled MuSK: 2050 Ci/mmol (37.3 $\mu\text{Ci}/\mu\text{g}$)

Total cpm in 50 μL of labelled MuSK: 49889

MuSK labelling date: 28 APRIL 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	398	-	-
Positive Control	12755	0.7397	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: 01 MAY 2025
Performed by: Jonathon Davies
Signature: [Signature]
Position: Senior Scientist

Authorised by: DR G Flood
Signature: [Signature]
Position: Head of Quality Control
Date: 1st MAY 2025