

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: KMK281
¹²⁵I-labelled MuSK: MK281
Reconstitution Buffer: 179B
Anti Human IgG: 185Gac
Precipitation Enhancer: PE204
Wash Solution: 477W
Negative Control: MKN45d
Positive Control: MKP45h

Kit Expiry Date: 17 AUGUST 2026
Expiry Date: 17 AUGUST 2026
Expiry Date: 29 NOVEMBER 2026
Expiry Date: 28 MARCH 2027
Expiry Date: 28 JANUARY 2027
Expiry Date: 17 DECEMBER 2026
Expiry Date: 28 DECEMBER 2026
Expiry Date: 28 DECEMBER 2026

Specific activity of ¹²⁵I-labelled MuSK: 2023 Ci/mmol (36.8 $\mu\text{Ci}/\mu\text{g}$)

Total cpm in 50 μL of labelled MuSK: 53716

MuSK labelling date: 22 JUNE 2026

% Counter Efficiency: 75.8

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	413	-	-
Positive Control	16488	0.9442	0.82 $\pm$ 0.41

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: 25 JUNE 2026
Performed by: Jonathon Davies
Signature: [Signature]
Position: Senior Scientist

Authorised by: DR G FLOOD
Signature: [Signature]
Position: Head of Quality Control
Date: 25th JUN 2026