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:	KMK258	**Kit Expiry Date:**	09 DECEMBER 2024
^{125}I-labelled MuSK:	MK258	Expiry Date:	09 DECEMBER 2024
Reconstitution Buffer:	174B	Expiry Date:	06 JUNE 2025
Anti Human IgG:	181Gx	Expiry Date:	20 JULY 2025
Precipitation Enhancer:	PE197	Expiry Date:	05 AUGUST 2025
Wash Solution:	450W	Expiry Date:	04 APRIL 2025
Negative Control:	MKN42h	Expiry Date:	20 APRIL 2025
Positive Control:	MKP43c	Expiry Date:	20 APRIL 2025

Specific activity of ^{125}I-labelled MuSK: 2273 Ci/mmol (41.3 μCi/μg)

Total cpm in 50 μL of labelled MuSK: 47811

MuSK labelling date: 14 OCTOBER 2024

% Counter Efficiency: 73.4

^{125}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	416	-	-
Positive Control	12912	0.6747	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: 17 OCTOBER 2024
Performed by: Jonathon Davies
Signature:
Position: Senior Scientist

Authorised by: DR G FLOOD
Signature:
Position: **Head of Quality Control**
Date: 17TH OCT 2024