

Title: **Quality Control Record Sheet**
¹²⁵I-labelled MuSK QC Data

Document: wi/qcrs/0.30a
Revision: 0
Issue date: 20.10.2021
Page 1 of 1

Prepared by: G FLOOD
Approved by: J BRADBURY

Kit Lot Number: <u>KMK245</u>	Kit Expiry Date: <u>29 JANUARY 2024</u>
¹²⁵I-labelled MuSK: <u>MK245</u>	Expiry Date: <u>29 JANUARY 2024</u>
Reconstitution Buffer: <u>171B</u>	Expiry Date: <u>18 JULY 2024</u>
Anti Human IgG: <u>181Gg</u>	Expiry Date: <u>10 SEPTEMBER 2024</u>
Precipitation Enhancer: <u>PE192</u>	Expiry Date: <u>07 AUGUST 2024</u>
Wash Solution: <u>439W</u>	Expiry Date: <u>18 JULY 2024</u>
Negative Control: <u>MKN41k</u>	Expiry Date: <u>10 JUNE 2024</u>
Positive Control: <u>MKP42d</u>	Expiry Date: <u>10 JUNE 2024</u>

Specific activity of ¹²⁵I-labelled MuSK: 1952 Ci/mmol (35.5 μ Ci/ μ g)

Total cpm in 50 μ L of labelled MuSK: 46920

MuSK labelling date: 04 DECEMBER 2023

% Counter Efficiency: 72.3

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	415	-	-
Positive Control	13770	0.8397	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: 07 DECEMBER 2023
Performed by: Jonathon Davies
Signature: [Signature]
Position: Senior Scientist

Authorised by: DR G FLOOD
Signature: [Signature]
Position: Head of Quality Control
Date: 7TH DEC 2023