

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>KMK247</u>	Kit Expiry Date: <u>01 APRIL 2024</u>
¹²⁵ I-labelled MuSK: <u>MK247</u>	Expiry Date: <u>01 APRIL 2024</u>
Reconstitution Buffer: <u>171B</u>	Expiry Date: <u>18 JULY 2024</u>
Anti Human IgG: <u>181Gk</u>	Expiry Date: <u>11 NOVEMBER 2024</u>
Precipitation Enhancer: <u>PE193</u>	Expiry Date: <u>29 OCTOBER 2024</u>
Wash Solution: <u>439W</u>	Expiry Date: <u>18 JULY 2024</u>
Negative Control: <u>MKN41n</u>	Expiry Date: <u>11 AUGUST 2024</u>
Positive Control: <u>MKP42f</u>	Expiry Date: <u>11 AUGUST 2024</u>

Specific activity of ¹²⁵I-labelled MuSK: 2051 Ci/mmol (37.3 μCi/μg)

Total cpm in 50 μL of labelled MuSK: 44255

MuSK labelling date: 05 FEBRUARY 2024


% Counter Efficiency: 72.3

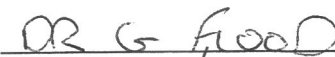

¹²⁵I Decay Table:

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	373	-	-
Positive Control	12406	0.7201	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: 08 FEBRUARY 2024
 Performed by: Jonathon Davies
 Signature: 
 Position: Senior Scientist

Authorised by: 
 Signature: 
 Position: Head of Quality Control
 Date: 9th FEB 2024