

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

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Approved by: **J BRADBURY**

Kit Lot Number: KMK234
¹²⁵I-labelled MuSK: MK234
Reconstitution Buffer: 168B
Anti Human IgG: 180Gt
Precipitation Enhancer: PE187
Wash Solution: 422W
Negative Control: MKN40m
Positive Control: MKP41c

Kit Expiry Date: 03 APRIL 2023
Expiry Date: 03 APRIL 2023
Expiry Date: 01 SEPTEMBER 2023
Expiry Date: 12 NOVEMBER 2023
Expiry Date: 09 OCTOBER 2023
Expiry Date: 25 MAY 2023
Expiry Date: 12 AUGUST 2023
Expiry Date: 12 AUGUST 2023

Specific activity of ¹²⁵I-labelled MuSK: 2115 Ci/mmol (38.5 μ Ci/ μ g)

Total cpm in 50 μ L of labelled MuSK: 47522

MuSK labelling date: 06 FEBRUARY 2023

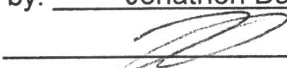
% Counter Efficiency: 72.3

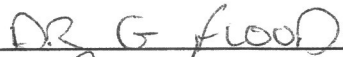
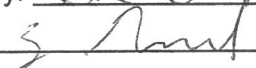
¹²⁵I Decay Table:

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	287	-	-
Positive Control	11904	0.6743	0.63 \pm 0.31

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: 09 FEBRUARY 2023
Performed by: Jonathon Davies
Signature: 
Position: Senior Scientist

Authorised by: 
Signature: 
Position: Head of Quality Control
Date: 9TH FEB 2023