

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

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Approved by: **J BRADBURY**

Kit Lot Number: KMK223
¹²⁵I-labelled MuSK: MK223
Reconstitution Buffer: 166B
Anti Human IgG: 179Gab
Precipitation Enhancer: PE183
Wash Solution: 415W
Negative Control: MKN40a
Positive Control: MKP38k

Kit Expiry Date: 22 JULY 2022
Expiry Date: 22 JULY 2022
Expiry Date: 07 JANUARY 2023
Expiry Date: 20 FEBRUARY 2023
Expiry Date: 25 JANUARY 2023
Expiry Date: 01 DECEMBER 2022
Expiry Date: 05 DECEMBER 2022
Expiry Date: 05 DECEMBER 2022

Specific activity of ¹²⁵I-labelled MuSK: 1792 Ci/mmol (32.6 μ Ci/ μ g)

Total cpm in 50 μ L of labelled MuSK: 46961

MuSK labelling date: 27 May 2022

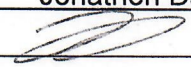
% Counter Efficiency: 72.3

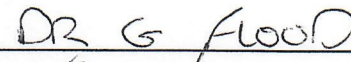
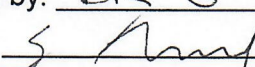
¹²⁵I Decay Table:

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	336	-	-
Positive Control	10307	0.6934	0.66 \pm 0.33

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: 31 May 2022
Performed by: Jonathon Davies
Signature: 
Position: Scientist

Authorised by: 
Signature: 
Position: Head of Quality Control
Date: 1st JUN 2022