

Title: **Quality Control Record Sheet**  
**<sup>125</sup>I-labelled MuSK QC Data**

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Page **1 of 1**

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Approved by: **J BRADBURY**

<b>Kit Lot Number:</b> <u>                    KMK246                    </u>	<b>Kit Expiry Date:</b> <u>04 MARCH 2024</u>
<b><sup>125</sup>I-labelled MuSK:</b> <u>                    MK246                    </u>	Expiry Date: <u>04 MARCH 2024</u>
<b>Reconstitution Buffer:</b> <u>                    171B                    </u>	Expiry Date: <u>18 JULY 2024</u>
<b>Anti Human IgG:</b> <u>                    181Gh                    </u>	Expiry Date: <u>14 OCTOBER 2024</u>
<b>Precipitation Enhancer:</b> <u>                    PE193                    </u>	Expiry Date: <u>29 OCTOBER 2024</u>
<b>Wash Solution:</b> <u>                    439W                    </u>	Expiry Date: <u>18 JULY 2024</u>
<b>Negative Control:</b> <u>                    MKN41m                    </u>	Expiry Date: <u>14 JULY 2024</u>
<b>Positive Control:</b> <u>                    MKP42e                    </u>	Expiry Date: <u>14 JULY 2024</u>

Specific activity of <sup>125</sup>I-labelled MuSK:                     1900                     Ci/mmol ( 34.5  $\mu$ Ci/ $\mu$ g)

Total cpm in 50  $\mu$ L of labelled MuSK:                     43334                    

MuSK labelling date: 08 JANUARY 2024


% Counter Efficiency:                     72.3                    

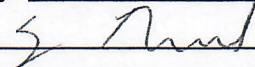
<sup>125</sup>I Decay Table:

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	377	-	-
Positive Control	12995	0.8151	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: 11 JANUARY 2024  
Performed by: Jonathon Davies  
Signature:   
Position: Senior Scientist

Authorised by: DR G Flood  
Signature:   
Position: Head of Quality Control  
Date: 11<sup>th</sup> JAN 2024