

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**

Kit Lot Number: KMK221  
<sup>125</sup>I-labelled MuSK: MK221  
Reconstitution Buffer: 166B  
Anti Human IgG: 179Gy  
Precipitation Enhancer: PE183  
Wash Solution: 415W  
Negative Control: MKN39c  
Positive Control: MKP38h

Kit Expiry Date: 28 JUNE 2022  
Expiry Date: 28 JUNE 2022  
Expiry Date: 07 JANUARY 2023  
Expiry Date: 17 JANUARY 2023  
Expiry Date: 25 JANUARY 2023  
Expiry Date: 01 DECEMBER 2022  
Expiry Date: 08 NOVEMBER 2022  
Expiry Date: 08 NOVEMBER 2022

Specific activity of <sup>125</sup>I-labelled MuSK: 1964 Ci/mmol ( 35.7  $\mu$ Ci/ $\mu$ g)

Total cpm in 50  $\mu$ L of labelled MuSK: 44898

MuSK labelling date: 03 May 2022

% 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	352	-	-
Positive Control	11057	0.6791	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: 06 May 2022  
Performed by: Jonathon Davies  
Signature: [Signature]  
Position: Scientist

Authorised by: DR G Flood  
Signature: [Signature]  
Position: Head of Quality Control  
Date: 6<sup>TH</sup> MAY 2022