

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

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 Approved by: J BRADBURY

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 Revision: 0  
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**Kit Lot Number:** KMK232  
<sup>125</sup>I-labelled MuSK: MK232  
 Reconstitution Buffer: 168B  
 Anti Human IgG: 180Gm  
 Precipitation Enhancer: PE187  
 Wash Solution: 422W  
 Negative Control: MKN40h  
 Positive Control: MKP41a

**Kit Expiry Date:** 03 FEBRUARY 2023  
 Expiry Date: 03 FEBRUARY 2023  
 Expiry Date: 01 SEPTEMBER 2023  
 Expiry Date: 11 SEPTEMBER 2023  
 Expiry Date: 09 OCTOBER 2023  
 Expiry Date: 25 MAY 2023  
 Expiry Date: 11 JUNE 2023  
 Expiry Date: 11 JUNE 2023

Specific activity of <sup>125</sup>I-labelled MuSK: 1635 Ci/mmol ( 29.7 μCi/μg)

Total cpm in 50 μL of labelled MuSK: 43799

MuSK labelling date: 09 DECEMBER 2022

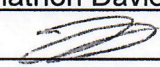
% Counter Efficiency: 72.3

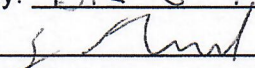
<sup>125</sup>I Decay Table:

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	258	-	-
Positive Control	9893	0.7234	0.63 ± 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: 13 DECEMBER 2022  
 Performed by: Jonathon Davies  
 Signature:   
 Position: Scientist

Authorised by: DR G Flood  
 Signature:   
 Position: Head of Quality Control  
 Date: 13<sup>TH</sup> DEC 2022