

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

Document: **wi/qcrs/0.30a**  
 Revision: **0**  
 Issue date: **20.10.2021**  
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 Approved by: **J BRADBURY**

**Kit Lot Number:**                     KMK241                      
<sup>125</sup>I-labelled MuSK:                     MK241                      
 Reconstitution Buffer:                     170B                      
 Anti Human IgG:                     181Gc                      
 Precipitation Enhancer:                     PE190                      
 Wash Solution:                     431W                      
 Negative Control:                     MKN41e                      
 Positive Control:                     MKP41m                    

**Kit Expiry Date: 16 OCTOBER 2023**  
 Expiry Date: 16 OCTOBER 2023  
 Expiry Date: 25 APRIL 2024  
 Expiry Date: 27 MAY 2024  
 Expiry Date: 15 MAY 2024  
 Expiry Date: 02 JANUARY 2024  
 Expiry Date: 27 FEBRUARY 2024  
 Expiry Date: 27 FEBRUARY 2024

Specific activity of <sup>125</sup>I-labelled MuSK:                     1820                     Ci/mmol ( 33.1  $\mu$ Ci/ $\mu$ g)

Total cpm in 50  $\mu$ L of labelled MuSK:                     47384                    

MuSK labelling date: 21 AUGUST 2023

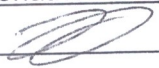
% Counter Efficiency:                     72.3                    


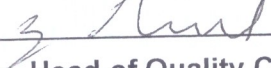
<sup>125</sup>I Decay Table:

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	353	-	-
Positive Control	11149	0.728	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: 24 AUGUST 2023  
 Performed by: Jonathon Davies  
 Signature:   
 Position: Senior Scientist

Authorised by:   
 Signature:   
 Position: Head of Quality Control  
 Date: 24<sup>th</sup> AUG 2023