

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**  
Page: **1 of 1**

Prepared by: **G FLOOD**  
Approved by: **J BRADBURY**

**Kit Lot Number:**                   KMK238                    
<sup>125</sup>I-labelled MuSK:                   MK238                    
Reconstitution Buffer:                   169B                    
Anti Human IgG:                   180Gab                    
Precipitation Enhancer:                   PE189                    
Wash Solution:                   431W                    
Negative Control:                   MKN41b                    
Positive Control:                   MKP41g                  

**Kit Expiry Date:** 25 JULY 2023  
Expiry Date: 25 JULY 2023  
Expiry Date: 19 DECEMBER 2023  
Expiry Date: 04 MARCH 2024  
Expiry Date: 19 FEBRUARY 2024  
Expiry Date: 02 JANUARY 2024  
Expiry Date: 04 DECEMBER 2023  
Expiry Date: 04 DECEMBER 2023

Specific activity of <sup>125</sup>I-labelled MuSK:                   1763                   Ci/mmol ( 32.1 μCi/μg)  
Total cpm in 50 μL of labelled MuSK:                   45061                    
MuSK labelling date: 30 MAY 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	318	-	-
Positive Control	10983	0.7424	0.77 ± 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: 02 JUNE 2023  
Performed by: Jonathon Davies  
Signature:   
Position: Senior Scientist

Authorised by:   
Signature:   
Position: Head of Quality Control  
Date: 2<sup>ND</sup> JUN 2023