

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:**                     KMK249                      
**<sup>125</sup>I-labelled MuSK:**                     MK249                      
**Reconstitution Buffer:**                     172B                      
**Anti Human IgG:**                     181Gn                      
**Precipitation Enhancer:**                     PE194                      
**Wash Solution:**                     444W                      
**Negative Control:**                     MKN42a                      
**Positive Control:**                     MKP42h                    

**Kit Expiry Date:** 28 MAY 2024  
**Expiry Date:** 28 MAY 2024  
**Expiry Date:** 17 OCTOBER 2024  
**Expiry Date:** 07 JANUARY 2025  
**Expiry Date:** 30 JANUARY 2025  
**Expiry Date:** 21 NOVEMBER 2024  
**Expiry Date:** 07 OCTOBER 2024  
**Expiry Date:** 07 OCTOBER 2024

Specific activity of <sup>125</sup>I-labelled MuSK:                     2034                     Ci/mmol ( 37.0  $\mu$ Ci/ $\mu$ g)

Total cpm in 50  $\mu$ L of labelled MuSK:                     49164                    

MuSK labelling date: 02 APRIL 2024

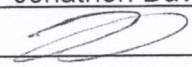
% Counter Efficiency:                     72.3                    

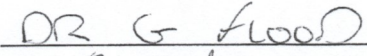
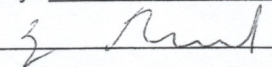
<sup>125</sup>I Decay Table:

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	414	-	-
Positive Control	13356	0.7811	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: 05 APRIL 2024  
Performed by: Jonathon Davies  
Signature:   
Position: Senior Scientist

Authorised by:   
Signature:   
Position: Head of Quality Control  
Date: 5<sup>th</sup> APR 2024