

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

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 Revision: **0**  
 Issue date: **20.10.2021**  
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Prepared by: **G FLOOD**  
 Approved by: **J BRADBURY**

**Kit Lot Number:** KMK236  
<sup>125</sup>I-labelled MuSK: MK236  
 Reconstitution Buffer: 168B  
 Anti Human IgG: 181Ga  
 Precipitation Enhancer: PE188  
 Wash Solution: 431W  
 Negative Control: MKN40p  
 Positive Control: MKP41e

**Kit Expiry Date:** 29 MAY 2023  
 Expiry Date: 29 MAY 2023  
 Expiry Date: 01 SEPTEMBER 2023  
 Expiry Date: 09 JANUARY 2024  
 Expiry Date: 03 JANUARY 2024  
 Expiry Date: 02 JANUARY 2024  
 Expiry Date: 09 OCTOBER 2023  
 Expiry Date: 09 OCTOBER 2023

Specific activity of <sup>125</sup>I-labelled MuSK: 1661 Ci/mmol ( 30.2 μCi/μg)

Total cpm in 50 μL of labelled MuSK: 46135

MuSK labelling date: 03 APRIL 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	296	-	-
Positive Control	11717	0.844	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: 06 APRIL 2023  
 Performed by: Jonathon Davies  
 Signature: [Signature]  
 Position: Senior Scientist

Authorised by: DR G FLOOD  
 Signature: [Signature]  
 Position: Head of Quality Control  
 Date: 6<sup>TH</sup> APR 2023