

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

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 Revision: 0  
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 Approved by: J BRADBURY

**Kit Lot Number:** KMK242  
<sup>125</sup>I-labelled MuSK: MK242  
 Reconstitution Buffer: 170B  
 Anti Human IgG: 181Gd  
 Precipitation Enhancer: PE190  
 Wash Solution: 431W  
 Negative Control: MKN41f  
 Positive Control: MKP41n

**Kit Expiry Date:** 13 NOVEMBER 2023  
 Expiry Date: 13 NOVEMBER 2023  
 Expiry Date: 25 APRIL 2024  
 Expiry Date: 24 JUNE 2024  
 Expiry Date: 15 MAY 2024  
 Expiry Date: 02 JANUARY 2024  
 Expiry Date: 24 MARCH 2024  
 Expiry Date: 24 MARCH 2024

Specific activity of <sup>125</sup>I-labelled MuSK: 1692 Ci/mmol ( 30.8 μCi/μg)

Total cpm in 50 μL of labelled MuSK: 44842

MuSK labelling date: 18 SEPTEMBER 2023

% Counter Efficiency: 72.3

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

| QC date<br>(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 | 301      | -      | -              |
| Positive Control | 9762     | 0.6862 | 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: 21 SEPTEMBER 2023  
 Performed by: Jonathon Davies  
 Signature: [Signature]  
 Position: Senior Scientist

Authorised by: DR G FLOOD  
 Signature: [Signature]  
 Position: Head of Quality Control  
 Date: 21<sup>ST</sup> SEP 2023