

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

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 Approved by: J BRADBURY

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**Kit Lot Number:** KMK214  
<sup>125</sup>I-labelled MuSK: MK214  
 Reconstitution Buffer: 165B  
 Anti Human IgG: 179Gu  
 Precipitation Enhancer: PE181  
 Wash Solution: 406W  
 Negative Control: MKN38d  
 Positive Control: MKP38d

**Kit Expiry Date:** 07 MARCH 2022  
 Expiry Date: 07 MARCH 2022  
 Expiry Date: 01 SEPTEMBER 2022  
 Expiry Date: 02 OCTOBER 2022  
 Expiry Date: 27 OCTOBER 2022  
 Expiry Date: 12 MAY 2022  
 Expiry Date: 16 JULY 2022  
 Expiry Date: 16 JULY 2022

Specific activity of <sup>125</sup>I-labelled MuSK: 2185 Ci/mmol ( 39.7 µCi/µg)

Total cpm in 50 µL of labelled MuSK: 46691

MuSK labelling date: 10 January 2022

% 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	187	-	-
Positive Control	11894	0.6677	0.66 ± 0.33

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: 13 January 2022  
 Performed by: Janet Bradbury  
 Signature: J Bradbury  
 Position: Head of Operations

Authorised by: DR G Flood  
 Signature: [Signature]  
 Position: Head of Quality Control  
 Date: 14<sup>TH</sup> JAN 2022