Title: **Quality Control Record Sheet**
^{125}I-labelled MuSK QC Data

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Approved by: J BRADBURY

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Kit Lot Number:	KMK218	**Kit Expiry Date:**	02 MAY 2022
^{125}I-labelled MuSK:	MK218	Expiry Date:	02 MAY 2022
Reconstitution Buffer:	165B	Expiry Date:	01 SEPTEMBER 2022
Anti Human IgG:	179Gw	Expiry Date:	20 NOVEMBER 2022
Precipitation Enhancer:	PE181	Expiry Date:	27 OCTOBER 2022
Wash Solution:	406W	Expiry Date:	12 MAY 2022
Negative Control:	MKN39a	Expiry Date:	13 SEPTEMBER 2022
Positive Control:	MKP38f	Expiry Date:	13 SEPTEMBER 2022

Specific activity of ^{125}I-labelled MuSK: 1878 Ci/mmol (34.1 μCi/μg)

Total cpm in 50 μL of labelled MuSK: 46801

MuSK labelling date: 07 March 2022

% Counter Efficiency: 72.3

^{125}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	418	-	-
Positive Controll	11409	0.7293	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: 10 March 2022
Performed by: Jonathon Davies
Signature:
Position: Scientist

Authorised by: DR G FLOOD
Signature:
Position: **Head of Quality Control**
Date: 11TH MAR 2022