

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

Document: **wi/qcrs/0.30**
 Revision: **9**
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 Page **1 of 1**

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 Approved by: **R STEPHENS**

QC Sheet no: MK198

¹²⁵I-labelled MuSK lot no: MK198

Specific activity of ¹²⁵I-labelled MuSK: 1876 Ci/mmol (**34.1** µCi/µg)

Total cpm in 50 µL of labelled MuSK: 43847

MuSK labelling date: 07 December 2020 Expiry date: 01 February 2021

% Counter Efficiency: 72.3

¹²⁵I 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

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 December 2020
 Performed by: Jonathon Davies
 Signature: *[Signature]*
 Position: Scientist

Authorised by: DR G FLOOD
 Signature: *[Signature]*
 Position: **Head of Quality Control**
 Date: 14TH DEC 2020

When the above tracer was tested with AChRab IPA kit lot KRBAN_175, 50 µl of the negative control lot MKN 36n gave a result of **243** cpm and 50 µl of the positive control lot MKP 36n gave a result of **10692** cpm

Methods for diagnosing myasthenia gravis by detecting autoantibodies to MuSK are the subject of patents EP327147 B1 and US7,267,820 B2.