

QC Sheet no: _____ MK204

¹²⁵I-labelled MuSK lot no: MK204

Specific activity of ^{125}I -labelled MuSK: 1904 Ci/mmol (34.6 $\mu\text{Ci}/\mu\text{g}$)

Total cpm in 50 μ L of labelled MuSK: 44844

MuSK labelling date: 01 June 2021 Expiry date: 27 July 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: 04 June 2021

Authorised by: AR G FLOOD

Performed by: Jonathon Davies

Signature: S. Rana

Signature: _____

Position: Head of Quality Control

Position: Scientist

Date: 4TH JUN 2021

When the above tracer was tested with AChRab IPA kit lot KRBAN_181, 50 µl of the negative control lot MKN_37f gave a result of 240 cpm and 50 µl of the positive control lot MKP_37f gave a result of 11690 cpm

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