

Mouse Embryo Assay Certificate of Analysis

Manufacturer		Microtech
Medium		Micropipette
Batchnumber		1803011
Expiry date		03/2021
Mouse Embryo Test	<u>Result</u>	<u>Specifications</u>
	95%	≥ 80 %

Assay system:

30 minutes exposition at D1 of FVB x CD1 mouse embryo to M16 used to wash the material «Micropipette 1803011». Development was performed using standard culture methods, following the standard manipulating procedure PM-SPF-AN-001.05/En. For a valid assay it is required that at least 80% of one-cell stage control and test embryos, developed to blastocyst stage within 96 hours.

Control assay materials and results:

21 one cell FVB x CD1 mouse embryos were cultured in micro-drops of embryo-tested culture medium (M16):

21/21 (100%)	one-cell to two-cells within 24 hours.
21/21 (100%)	one-cell to expanded blastocysts within 96 hours.

Test assay materials and results:

21 one cell FVB x CD1 embryos were exposed to M16 used to wash the material «Micropipette 1803011» for 30 mins on D1, followed by 96 hrs in M16 medium.

21/21 (100%)	one-cell to two-cells within 24 hours.
20/21 (95%)	one-cell to expanded blastocysts within 96 hours.

Comments on assay:

All test and control embryos were selected randomly from a common pool of freshly collected zygotes and were cultured in the same incubator at 37°C and 5% CO₂.

Conclusions:

The «Micropipette 1803011» is compatible with mouse embryo development.

Release date 27/03/2018

Released by Peggy Kreyser

Signature

