

Mouse Embryo Assay Certificate of Analysis

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|-------------------|----------------------|------------------------------|
| Manufacturer | | Microtech |
| Medium | | Micropipette |
| Batchnumber | | 1710101 |
| Expiry date | | 10/2020 |
| 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 1710101». 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):

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|--------------|---|
| 20/21 (95%) | one-cell to two-cells within 24 hours. |
| 20/20 (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 1710101» for 30 mins on D1, followed by 96 hrs in M16 medium.

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|--------------|---|
| 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 1710101» is compatible with mouse embryo development.

Release date 06/11/2017

Released by Peggy Kreyser

Signature

