

## Mouse Embryo Assay Certificate of Analysis

Manufacturer		Microtech
Medium		Micropipette
Batchnumber		1710311
Expiry date		10/2020
Mouse Embryo Test	<b><u>Result</u></b>	<b><u>Specifications</u></b>
	<b>95%</b>	<b>≥ 80 %</b>

**Assay system:**

30 minutes exposition at D1 of FVB x CD1 mouse embryo to M16 used to wash the material «Micropipette 1710311». 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.
20/21 (95%)	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 1710311» 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% CO<sub>2</sub>.

**Conclusions:**

The «Micropipette 1710311» is compatible with mouse embryo development.

Release date 27/11/2017

Released by Peggy Kreyser

Signature

