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ELI Accession Number: IIL-5248-0221

Date of completion: 02-09-2021

Lot number: 0202101A

Reference number: LBL020

Description of test article(s): IMT | Matcher ID Security NOT FOR CRYO USE Labels

**Assay system requested by customer:** The test article (2) is placed on a culture plate. One cell mouse embryos are placed in the culture plate and cultured for 96-hours.

**Control assay method and results:** 21 one cell (B6C3F<sub>1</sub> X B6D2F<sub>1</sub>) embryos were cultured in triplicate micro drops of culture medium overlaid with oil in control incubator (ELI-182):

21 / 21 (100 %)

1-cell to 2-cell within 24 hr

21 / 21 (100 %)

1-cell to expanded blastocyst within 96 hr

*For a valid assay, Embryotech™ requires at least 80% of one cell control embryos to develop to expanded blastocyst within 96-hours.*

**Test assay method and results:** 21 one cell (B6C3F<sub>1</sub> X B6D2F<sub>1</sub>) embryos were cultured in triplicate micro drops of culture medium overlaid with oil with the test articles adhered to the outside of the culture plate in incubator ELI-203:

20 / 21 ( 95 %)

1-cell to 2-cell within 24 hr

19 / 21 ( 90 %)

1-cell to expanded blastocyst within 96 hr

Pass/Fail = **Pass**

**Summary of observations:** All test and control embryos were selected randomly from a common pool of freshly collected embryos. 100 percent of the control embryos developed to the expanded blastocyst stage within 96-hours. 90 percent of the test embryos cultured in the culture plate with the test articles adhered developed to the expanded blastocyst stage within 96-hours

Signature  
Study Director

02-09-2021

Date

Signature  
Quality Reviewer

02-09-2021

Date