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ELI Accession Number: IIL-2998-1119

Date of completion: 11-25-2019

Lot number: 0201911A

Reference number: LBL020

Description of test article(s): NOT FOR CRYO USE

**Assay system requested by customer:** The test article 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:** 15 one cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with oil in control incubator ELI-182:

15 / 15 (100 %)

1-cell to 2-cell within 24 hr

15 / 15 (100 %)

1-cell to expanded blastocyst within 96 hr

*For a valid assay, Embryotech™ requires at least 70% of one cell control embryos to develop to expanded blastocyst within 96-hours.*

**Test assay method and results:** 21 one cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium with the test article adhered to the outside of the culture plate in incubator ELI-181:

21 / 21 (100 %)

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 article adhered developed to the expanded blastocyst stage within 96-hours

S. Rosenwald  
Signature  
Study Director

11-25-2019  
Date

CMFurman  
Signature  
Quality Reviewer

11-25-2019  
Date