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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

C.Martin
Signature
Quality Reviewer

11-25-2019
Date