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ELI Accession Number: IIL-2147-0719

Date of completion: 07-20-2019

Lot number: 0191906A

Reference number: LBL019

Description of test article(s): FOR CRYO USE Labels

Assay system requested by customer: The test article (1) is placed on a culture plate. 1-cell mouse embryos are placed in the culture plate and cultured for 96-hours.

Control assay method and results: 15 1-cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with oil in control incubator (ELI-203):

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 1-cell control embryos to develop to expanded blastocyst within 96-hours.

Test assay method and results: 21 1-cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with oil the test article adhered to the outside of the culture plate in incubator ELI-182:

20 / 21 (95 %)

1-cell to 2-cell within 24 hr

19 / 21 (90 %)

1-cell to expanded blastocyst within 96 hr

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

signature
Study Director

date

signature
Quality Reviewer

date