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ELI Accession Number: IIL-6279-0821

Date of completion: 08-10-2021

Lot number: 0202107A

Reference number: LBL020

Description of test article(s): Not for Cryo Use

Assay system requested by customer: The test articles (4) were placed on a culture plate. One cell mouse embryos were placed in the culture plate and cultured for 96-hours.

Control assay method and results: 21 one cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with oil in control incubator (ELI-243):

21 / 21 (100 %)
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1-cell to 2-cell within 24 hr
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 (B6C3F1 X B6D2F1) 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-344:

21 / 21 (100 %)
20 / 21 (95 %)

1-cell to 2-cell within 24 hr
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. 95 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

Date

Signature
Quality Reviewer

Date