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ELI Accession Number: IIL-1196-0219

Date of completion: 02-09-2019

Lot number: 0201901A

Reference number: LBL020

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

Assay system requested by customer: The test article (2) 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-346):

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 the test articles adhered to the outside of the culture plate in incubator ELI-344:

21 / 21 (100 %)

1-cell to 2-cell within 24 hr

21 / 21 (100 %)

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. 100 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

02-11-2019
date

signature
Quality Reviewer

02-11-2019
date