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ELI Accession Number: IIL-7581-0222

Date of completion: 02-07-2022

Lot number: 0202201A

Reference number: LBL020

Description of test article(s): Matcher Not Cryo Use Labels

Assay system requested by customer: The test article (4) 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: 21 one-cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with oil in control incubator (ELI-346):

20 / 21 (95 %)

1-cell to 2-cell within 24 hr

20 / 21 (95 %)

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-336:

20 / 21 (95 %)

1-cell to 2-cell within 24 hr

20 / 21 (95 %)


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. 95 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