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ELI Accession Number: IIL-7310-1221

Date of completion: 12-24-2021

Lot number: 0202112A

Reference number: LBL020

Description of test article(s): Matcher Non-Cryo Labels

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

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-182):

21 / 21 (100 %)

1-cell to 2-cell within 24 hr

21 / 21 (100 %)

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-182:

21 / 21 (100 %)

1-cell to 2-cell within 24 hr

21 / 21 (100 %)


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. 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



Date



Signature
Quality Reviewer



Date