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ELI Accession Number: IIL-7605-1017

Date of completion: 10-13-2017

Lot number: 0161708A

Reference number: LBL016

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

Assay system requested by customer: The test article 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-158):

15 / 15 (100 %)

1-cell to 2-cell within 24 hr

14 / 15 (93 %)

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-181:

21 / 21 (100 %)

1-cell to 2-cell within 24 hr

20 / 21 (95 %)

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. 93 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

10-13-2017
date

signature
Quality Reviewer

10-13-2017
date