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ELI Accession Number: SPAR-7886-1117

Date of completion: 11-26-2017

Lot number: 07832

Reference number: OOPW-SW03

Description of test article(s): Oosafe® 6 Well Dish with Straw Holder

Assay system requested by customer: 0.25mL of culture medium was placed each well of the test article and overlaid with oil. 21 one cell mouse embryos (3-4 per drop) were placed in each drop and cultured for 96-hours.

Control assay method and results: 15 one cell (B6C3F1 X B6D2F1) embryos were cultured in in a 35mm dish with 100µl of culture medium overlaid with oil:

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 one cell stage 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 the test article using culture medium:

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 and were cultured in the same incubator at 37°C and 5.0% CO₂. 100 percent of the control embryos developed to the expanded blastocyst stage within 96-hours. 100 percent of the embryos cultured in the test article developed to the expanded blastocyst stage within 96-hours.

Signature
Study Director

11-27-2017
Date

Signature
Quality Reviewer

11-27-2017
Date