CERTIFICATE OF ANALYSIS

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Lot number(s): 07608
07610
07612

Reference number(s): OOPW-CT01
OOPW-SW03
OOPW-SW02

Description of test article(s):
Oosafe® Centrifuge Tube, 15mL & Oosafe® 6 Well Dish with Straw Holder

Assay system requested by customer: 1mL of culture medium was placed in the test article (CT01) and 0.25mL of culture medium was placed in each well of test article (SW03) and incubated at 37°C for 30-minutes. Post incubation the culture medium was extracted from each test article and pooled. 0.25mL of the extracted culture medium was placed into test article (SW02) and overlaid with oil; 1-cell mouse embryos were then placed into the test article and cultured for 96-hours.

Control assay method and results: 15 1-cell ($B_6C_3F_1$ X $B_6D_2F_1$) embryos were cultured in 0.5mL drops in a non-treated 4-Well Dish using culture medium:

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 stage control embryos to develop to expanded blastocyst within 96-hours.

Test assay method and results: 21 1-cell ($B_6C_3F_1$ X $B_6D_2F_1$) embryos were cultured in one of the test articles using the extracted culture medium:

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 and were cultured in the same incubator at 37°C and 5.0% CO_2. 100 percent of the control embryos developed to the expanded blastocyst stage within 96-hours. 95 percent of the embryos cultured in the test article developed to the expanded blastocyst stage within 96-hours.

signature
Study Director

04-08-2016
date

signature
Quality Reviewer

04-08-2016
date