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ELI Accession Number: WPI-7059-0717

Date of completion: 07-10-2017

Lot number: 06232017

Reference number: N/A

Description of test article: FluoroDish™

Assay system requested by customer: One cell mouse embryos were cultured in the test article using three - 50µl drops of culture medium and overlaid with oil for 96-hours.

Control assay method and results: 15 one cell (B6D2F1 X B6C3F1) embryos were cultured in triplicate micro drops of culture medium and 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 (B6D2F1 X B6C3F1) embryos were cultured in the test article using culture medium and overlaid with oil:

| | |
|-----------------|--|
| 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% CO₂. 100 percent of the control embryos developed to the expanded blastocyst stage within 96-hours. 95 percent of the test embryos cultured in the test article developed to the expanded blastocyst stage within 96-hours.

 Signature
 Study Director

07-10-2017
 Date

 Signature
 Quality Reviewer

07-10-2017
 Date