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ELI Accession Number: WPI-7984-1217

Date of completion: 12-16-2017

Lot number: 26102017

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

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% CO<sub>2</sub>. 100 percent of the control embryos developed to the expanded blastocyst stage within 96-hours. 100 percent of the control embryos developed to the expanded blastocyst stage within 96-hours. 100 percent of the test embryos cultured in the test article developed to the expanded blastocyst stage within 96-hours

Signature  
Study Director

12-18-2017  
Date

Signature  
Quality Reviewer

12-18-2017  
Date