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**ELI Accession Number:** WPI-5970-0621

**Date of completion:** 06-15-2021

**Lot number:** 14012021

**Reference number:** FD35-100

**Description of test article:** FluoroDish™

**Assay system requested by customer:** One cell mouse embryos were cultured in the test article in a 100µl drop of culture medium and overlaid with oil for 96-hours.

**Control assay method and results:** 21 one cell (B6D2F1 X B6C3F1) embryos were cultured in triplicate micro drops of 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

*For a valid assay, Embryotech™ requires at least 80% 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 in culture medium and overlaid with oil:

21 / 21 (100 %)

1-cell to 2-cell within 24 hr

19 / 21 ( 90 %)


1-cell to expanded blastocyst within 96 hr

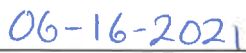
Pass/Fail = **Pass**

**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>. 95 percent of the control embryos developed to the expanded blastocyst stage within 96-hours. 90 percent of the test embryos cultured in the test article developed to the expanded blastocyst stage within 96-hours.

  
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 Signature  
 Study Director

  
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 Date

  
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 Signature  
 Quality Reviewer

  
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 Date

Amended: 06-16-2021