



World Precision Instruments, Inc.
175 Sarasota Center Boulevard
Sarasota, FL 34240



140 Hale Street
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qc@embryotech.com

ELI Accession Number: WPI-2993-1023

Date of completion: 11-03-2023

Lot number: 23092023

Reference number: FD3510B-100

Description of test article: FluoroDish™ (10mm)

Assay system requested by customer: One-cell mouse embryos were cultured in the test article using 5µl drops 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 %)
21 / 21 (100 %)

1-cell to 2-cell within 24 hr
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 using culture medium and overlaid with oil:

21 / 21 (100 %)
21 / 21 (100 %)

1-cell to 2-cell within 24 hr
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% CO₂. 100 percent of the control embryos developed to the expanded blastocyst stage within 96-hours. 100 percent of the test embryos cultured in the Petri dish with the test article applied to the bottom developed to the expanded blastocyst stage within 96-hours.


Signature
Study Director

11/3/23
Date


Signature
Quality Reviewer

11/3/2023
Date



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Date of completion: 11-03-2023

Lot number: 23092023

Reference number: FD35B-100

Description of test article: FluoroDish™ (35mm)

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: 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
21 / 21 (100 %)	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 using culture medium and overlaid with oil:

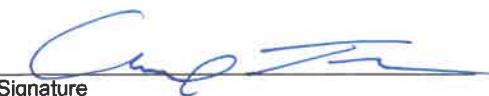
21 / 21 (100 %)	1-cell to 2-cell within 24 hr
21 / 21 (100 %)	1-cell to expanded blastocyst within 96 hr

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% CO₂. 100 percent of the control embryos developed to the expanded blastocyst stage within 96-hours. 100 percent of the test embryos cultured in the Petri dish with the test article applied to the bottom developed to the expanded blastocyst stage within 96-hours.


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ELI Accession Number: WPI-2993-1023

Date of completion: 11-03-2023

Lot number: 23092023

Reference number: FD5040B-100

Description of test article: FluoroDish™ (50mm)

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: 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
21 / 21 (100 %)	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 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

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% 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 Petri dish with the test article applied to the bottom developed to the expanded blastocyst stage within 96-hours. The results relate only to the item(s) tested.

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