



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

 EMBRYOTECH
LABORATORIES
140 Hale Street
Haverhill, MA 01830
qc@embryotech.com

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 %)

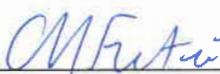
1-cell to 2-cell within 24 hr

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% CO₂. 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.


Signature
Study Director


Date

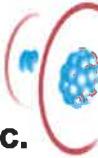

Signature
Quality Reviewer


Date

Amended: 06-16-2021



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ELI Accession Number: WPI-5995-0621

Date of completion: 06-20-2021

Lot number: 22062018

Reference number: FD35PDL-100

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:

21 / 21 (100 %)

1-cell to 2-cell within 24 hr

19 / 21 (90 %)

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

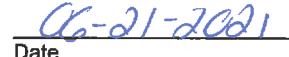
19 / 21 (90 %)

1-cell to expanded blastocyst within 96 hr

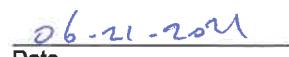
Pass/Fail = Pass

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% CO₂. 90 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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ELI Accession Number: WPI-5970(R2)-0621

Date of completion: 07-03-2021

Lot number: 02052019

Reference number: FD3510-100

Description of test article: Fluoro Dish™

Assay system requested by customer: One cell mouse embryos were cultured in the test article using three 5µl drops of culture medium and overlaid with 100µL of 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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Amended 07-06-2021



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ELI Accession Number: WPI-5970-0621

Date of completion: 06-15-2021

Lot number: 22092019

Reference number: FD5040-100

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: 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 triplicate drops of culture medium and overlaid with oil:

21 / 21 (100 %)

1-cell to 2-cell within 24 hr

20 / 21 (95 %)

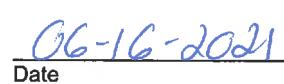
1-cell to expanded blastocyst within 96 hr

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. 95 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



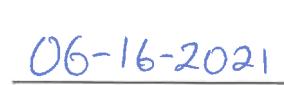
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