



IMT International Ltd.
Canalside Business Park
Tattenhall Chester
Cheshire, CH3 9BD
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 EMBRYOTECH
LABORATORIES
140 Hale Street
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ELI Accession Number: IIL-9310-0818

Date of completion: 08-31-2018

Lot number: 0201807A

Reference number: LBL020

Description of test article(s): Not for Cryo Use Label

Assay system requested by customer: The test article was placed on a culture plate. 1-cell mouse embryos are placed in the culture plate and cultured for 96-hours.

Control assay method and results: 15 1-cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with oil:

15 / 15 (100 %)
15 / 15 (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 70% of 1-cell control embryos to develop to expanded blastocyst within 96-hours.

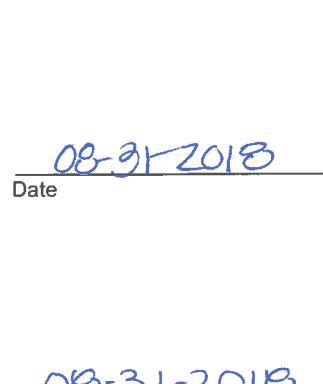
Test assay method and results: 21 1-cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with the test article adhered to the outside of a culture plate:

21 / 21 (100 %)
20 / 21 (95 %)

1-cell to 2-cell within 24 hr
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. 100 percent of the control embryos developed to the expanded blastocyst stage within 96-hours. 95 percent of the test embryos cultured in the culture plate with the test articles adhered developed to the expanded blastocyst stage within 96-hours


Signature
Study Director


Date


Signature
Quality Reviewer


Date



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ELI Accession Number: IIL-9310-0818

Date of completion: 08-31-2018

Lot number: 0191808A

Reference number: LBL019

Description of test article(s): For Cryo Use Label

Assay system requested by customer: The test article was placed on a culture plate. 1-cell mouse embryos are placed in the culture plate and cultured for 96-hours.

Control assay method and results: 15 1-cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with oil:

15 / 15 (100 %)
15 / 15 (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 70% of 1-cell control embryos to develop to expanded blastocyst within 96-hours.

Test assay method and results: 21 1-cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with the test article adhered to the outside of a culture plate:

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

1-cell to 2-cell within 24 hr
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. 100 percent of the control embryos developed to the expanded blastocyst stage within 96-hours. 100 percent of the test embryos cultured in the culture plate with the test articles adhered developed to the expanded blastocyst stage within 96-hours


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