



**Matcher Technologies Limited**  
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**Tattenhall Chester**  
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**EMBRYOTECH**  
LABORATORIES  
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**ELI Accession Number:** IIL-6868-1021

**Date of completion:** 11-01-2021

**Lot number:** 0202110A

**Reference number:** LBL020

**Description of test article(s):** IMT/Matcher ID Security Not For Cryo Use Labels

**Assay system requested by customer:** The test articles (4) are placed on a culture plate. One cell mouse embryos are placed in the culture plate and cultured for 96-hours.

**Control assay method and results:** 21 one cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with oil in control incubator (ELI-346):

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 control embryos to develop to expanded blastocyst within 96-hours.*

**Test assay method and results:** 21 one cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with oil with the test articles adhered to the outside of the culture plate in incubator ELI-182:

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. 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-6868-1021

Date of completion: 11-01-2021

Lot number: 0192110A

Reference number: LBL019

Description of test article(s): IMT/Matcher ID Security For Cryo Use Labels

Assay system requested by customer: The test articles (4) are placed on a culture plate. One cell mouse embryos are placed in the culture plate and cultured for 96-hours.

Control assay method and results: 21 one cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with oil in control incubator (ELI-346):

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 control embryos to develop to expanded blastocyst within 96-hours.

Test assay method and results: 21 one cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with oil with the test articles adhered to the outside of the culture plate in incubator ELI-336:

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. 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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