



**Matcher Technologies Limited**  
**1B Canalside Business Park**  
**Tattenhall Chester**  
**Cheshire, CH3 9BD**  
**United Kingdom**



**ELI Accession Number:** IIL-4420-0820

**Date of completion:** 08-31-2020

**Lot number:** 0192004A

**Reference number:** LBL019

**Description of test article(s):** IMT | Matcher ID Security FOR CRYO USE Labels

**Assay system requested by customer:** The test article (2) is 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:** 21 one-cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with oil in control incubator (ELI-203):

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 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 %)  
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. 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

  
\_\_\_\_\_  
Signature  
Study Director

  
\_\_\_\_\_  
Date

  
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Signature  
Quality Reviewer

  
\_\_\_\_\_  
Date



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**United Kingdom**



**ELI Accession Number:** IIL-4420-0820

**Date of completion:** 08-31-2020

**Lot number:** 0202008A

**Reference number:** LBL020

**Description of test article(s):** IMT | Matcher *ID Security* NOT FOR CRYO USE Labels

**Assay system requested by customer:** The test article (2) is 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:** 21 one-cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with oil in control incubator (ELI-203):

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 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-350:

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

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. 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

08-31-2020

Date

Signature  
Quality Reviewer

08-31-2020

Date