



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

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

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 %)	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
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



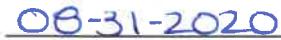
Signature  
Study Director



Date



Signature  
Quality Reviewer



Date



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140 Hale Street  
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qc@embryotech.com

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 %)	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.

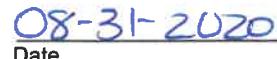
**Test assay method and results:** 21 one-cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with oil with the test articles adhered to the outside of the culture plate in incubator ELI-350:

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