



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

 EMBRYOTECH  
LABORATORIES  
140 Hale Street  
Haverhill, MA 01830  
[qc@embryotech.com](mailto:qc@embryotech.com)

ELI Accession Number: IIL-3128-1219

Date of completion: 12-27-2019

Lot number: 0191912A

Reference number: LBL019

Description of test article(s): Matcher ID Security - FOR CRYO USE Labels

**Assay system requested by customer:** The test article is placed on a culture plate. 1-cell mouse embryos were 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 in control incubator:

15 / 15 (100 %)	1-cell to 2-cell within 24 hr
15 / 15 (100 %)	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 the culture plate in incubator:

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 article adhered developed to the expanded blastocyst stage within 96-hours

  
Signature  
Study Director

12-27-2019  
Date

  
Signature  
Quality Reviewer

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ELI Accession Number: IIL-3128-1219

Date of completion: 12-27-2019

Lot number: 0201912A

Reference number: LBL020

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

**Assay system requested by customer:** The test article is placed on a culture plate. 1-cell mouse embryos were 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 in control incubator:

15 / 15 (100 %)	1-cell to 2-cell within 24 hr
15 / 15 (100 %)	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.

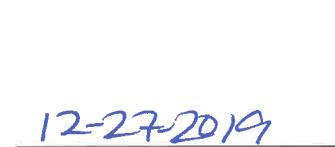
**Test assay method and results:** 21 1-cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with the test article adhered to the outside of the culture plate in incubator:

21 / 21 (100 %)	1-cell to 2-cell within 24 hr
21 / 21 (100 %)	1-cell to expanded blastocyst within 96 hr

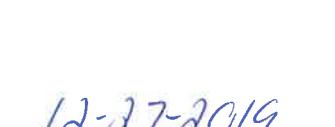
Pass/Fail = Pass

**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 article adhered developed to the expanded blastocyst stage within 96-hours

  
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ELI Accession Number: IIL-3128-1219

Date of completion: 12-27-2019

Lot number: 0161912A

Reference number: LBL016

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

**Assay system requested by customer:** The test article is placed on a culture plate. 1-cell mouse embryos were 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 in control incubator:

15 / 15 (100 %)	1-cell to 2-cell within 24 hr
15 / 15 (100 %)	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 the culture plate in incubator:

21 / 21 (100 %)	1-cell to 2-cell within 24 hr
21 / 21 (100 %)	1-cell to expanded blastocyst within 96 hr

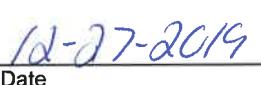
Pass/Fail = Pass

**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 article adhered developed to the expanded blastocyst stage within 96-hours

  
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ELI Accession Number: IIL-3128-1219

Date of completion: 12-27-2019

Lot number: 0171912A

Reference number: LBL017

Description of test article(s): Matcher ID Security - FOR CRYO USE Labels

**Assay system requested by customer:** The test article is placed on a culture plate. 1-cell mouse embryos were 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 in control incubator:

15 / 15 (100 %)	1-cell to 2-cell within 24 hr
15 / 15 (100 %)	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 the culture plate in incubator:

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 article adhered developed to the expanded blastocyst stage within 96-hours

  
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