



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-5859-0521

**Date of completion:** 05-29-2021

**Lot number:** 0202105A

**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 (3) is 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-350):

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

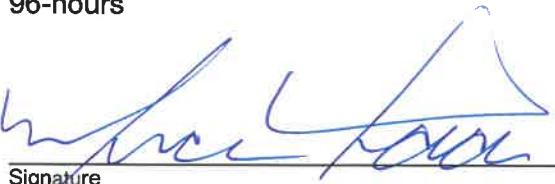
*For a valid assay, Embryotech™ requires at least 80% of one cell control embryos to develop to expanded blastocyst within 96-hours.*

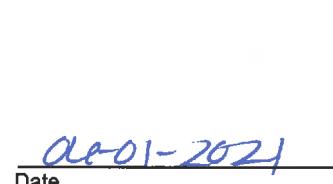
**Test assay method and results:** 21 one cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with oil with the test articles adhered to the outside of the culture plate in incubator ELI-203:

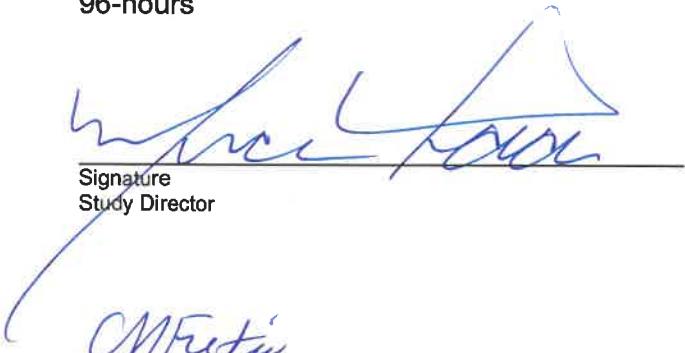
|                 |  |
|-----------------|--|
| 21 / 21 (100 %) | 1-cell to 2-cell within 24 hr              |
| 21 / 21 (100 %) | 1-cell to expanded blastocyst within 96 hr |

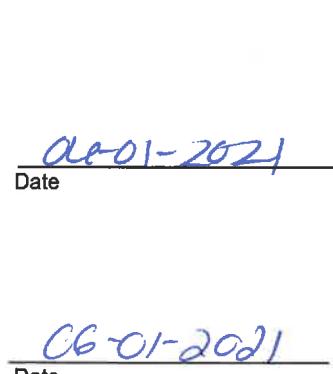
**Pass/Fail = Pass**

**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