



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



**ELI Accession Number:** IIL-5771-0521

**Date of completion:** 05-11-2021

**Lot number:** 0202104A

**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 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-344):

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

19 / 21 ( 90 %)

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. 90 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

05-11-2021  
Date

  
Signature  
Quality Reviewer

05-11-2021  
Date