



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

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

Date

Signature
Quality Reviewer

Date