



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-1209-0123

Date of completion: 01-30-2023

Lot number: 0202301A

Reference number: LBL020

Description of test article(s): Matcher Not For Cryo Use Labels

Assay system requested by customer: The test article (4) 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-182):

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-346:

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



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-1209-0123

Date of completion: 01-30-2023

Lot number: 0192301A

Reference number: LBL019

Description of test article(s): Matcher For Cryo Use Labels

Assay system requested by customer: The test article (5) 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-182):

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-243:

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