



Matcher Technologies Limited
1B Canalside Business Park
Tattenhall Chester
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United Kingdom

 EMBRYOTECH
LABORATORIES
140 Hale Street
Haverhill, MA 01830
qc@embryotech.com

ELI Accession Number: IIL-2376-0723

Date of completion: 07-29-2023

Lot number: 0192307A

Reference number: LBL019

Description of test article(s): Matcher 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-203):

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-248:

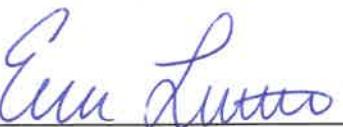
21 / 21 (100 %)	1-cell to 2-cell within 24 hr
20 / 21 (95 %)	1-cell to expanded blastocyst within 96 hr

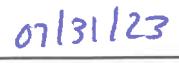
Pass/Fail = Pass

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



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ELI Accession Number: IIL-2376-0723

Date of completion: 07-29-2023

Lot number: 0202307A

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-336):

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 350:

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

07-31-2023
Date


Signature
Quality Reviewer

07/31/23
Date