



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



ELI Accession Number: IIL-2587-0823

Date of completion: 09-04-2023

Lot number: 0202308A

Reference number: LBL020

Description of test article(s): 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-445):

21 / 21 (100 %)
21 / 21 (100 %)

1-cell to 2-cell within 24 hr
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 ELI-346:

20 / 21 (95 %)
20 / 21 (95 %)

1-cell to 2-cell within 24 hr
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

09/05/23

Date



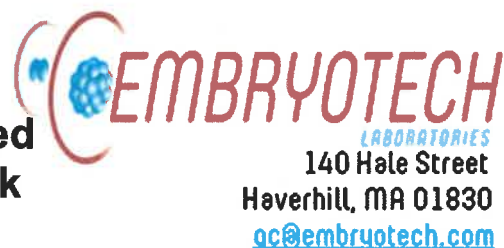
Signature
Quality Reviewer

9/5/2023

Date



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ELI Accession Number: IIL-2587-0823

Date of completion: 09-04-2023

Lot number: 0192308A

Reference number: LBL019

Description of test article(s): 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-445):

21 / 21 (100 %)
21 / 21 (100 %)

1-cell to 2-cell within 24 hr
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 ELI-243:

21 / 21 (100 %)
21 / 21 (100 %)


1-cell to 2-cell within 24 hr
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