



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



ELI Accession Number: IIL-4823-1120

Date of completion: 11-17-2020

Lot number: 0202011A

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-182):

21 / 21 (100 %)

1-cell to 2-cell within 24 hr

20 / 21 (95 %)

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 article adhered to the outside of the culture plate in incubator (ELI-350):

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. 95 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 article adhered developed to the expanded blastocyst stage within 96-hours



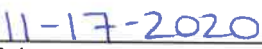
Signature
Study Director



Date



Signature
Quality Reviewer



Date



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ELI Accession Number: IIL-4823-1120

Date of completion: 11-17-2020

Lot number: 0162011A

Reference number: LBL016

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-182):

21 / 21 (100 %)
20 / 21 (95 %)

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 article adhered to the outside of the culture plate in incubator (ELI-366):

21 / 21 (100 %)
20 / 21 (95 %)

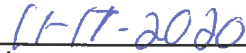
1-cell to 2-cell within 24 hr
1-cell to expanded blastocyst within 96 hr

Pass/Fail = **Pass**

Summary of observations: All test and control embryos were selected randomly from a common pool of freshly collected embryos. 95 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 article adhered developed to the expanded blastocyst stage within 96-hours



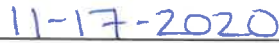
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