

CERTIFICATE OF ANALYSIS

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EMBRYOTECH™
laboratories

ELI accession number: ETI-6033-0512

Date of completion: 06-08-2012

Reference number: N/A

Serial number: 2011-55648

Description of test article: Incubator

Assay system requested by customer: 1-cell mouse embryos were cultured for 96-hours in the test article using standard culture methods.

Control assay materials and results: 21 1-cell (B6C3F1 X B6D2F1) embryos were cultured in a 4-well dish using "embryo-tested" culture medium supplemented with 0.4% BSA in control incubator ELI-181:

15 / 15 (100 %)
15 / 15 (100 %)

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

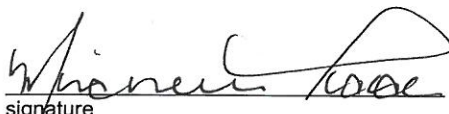
For a valid assay, Embryotech™ requires at least 70% of 1-cell stage control embryos to develop to expanded blastocyst within 96-hours.

Test assay materials and results: 21 1-cell (B6C3F1 X B6D2F1) embryos were cultured in a 4-well dish using "embryo-tested" culture medium supplemented with 0.4% BSA in the test article (ESCO Incubator):

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

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

Summary of observations: All test and control embryos were selected randomly from a common pool of freshly collected embryos and were cultured in the same incubator at 37°C in an atmosphere containing 5.0% CO₂. 100 percent of the control embryos developed to the expanded blastocyst stage within 96-hours. 100 percent of the test embryos cultured in the test article developed to the expanded blastocyst stage within 96-hours.


signature
Study Director

06-08-2012
date


signature
Quality Reviewer

6/8/2012
date