

CERTIFICATE OF ANALYSIS

Customer: Embryotech laboratories, Inc.
323 Andover Street
Wilmington, MA 01887

Attention: Jenn E. Forest

Customer order number: 980430-VETTE-76
ELI accession number: QC - 0498 - 898 /ELI
Description of test item: Plasticware

Lot number: 899338

Assay system requested by customer: One-cell mouse embryo development in extracted "proven" HTF medium (30 minute exposure).

Date of completion: 04 - 30 - 1998

Control assay materials and results: 15 1-cell (BCF1 x BDF1) embryos were cultured in triplicate microdrops of embryo-tested HTF medium supplemented with 0.4% BSA:

15 / 15 (100%)

1-cell to 2-cell within 24 hr

15 / 15 (100%)

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 the blastocyst stage within 96 hours.

Test assay materials and results: 21 1-cell (BCF1 x BDF1) embryos were cultured in triplicate microdrops of the extracted HTF test medium supplemented with 0.4% BSA:

21 / 21 (100%)

1-cell to 2-cell within 24 hr

21 / 21 (100%)

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. Greater than 70% of the control embryos developed to the blastocyst stage within 96 hours. 100% of the test embryos cultured in the extracted medium developed to the blastocyst stage within 96 hours.

Signature
Laboratory

Date

Signature
Quality Assurance

Date