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ELI Accession Number: IIL-2787(R1)-0415

Date of completion: 05-08-2015

Lot number: 0161405A

Reference number: LBL016

Description of test article(s): Matcher Non-Cryo Labels and Matcher Cryo Labels

**Assay system requested by customer:** The test article (3) is placed on a culture plate. 1-cell mouse embryos are placed in the culture plate and cultured for 96-hours.

**Control assay method and results:** 15 1-cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with oil in control incubator (ELI-158):

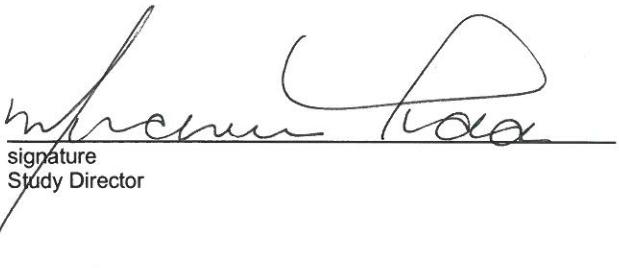
15 / 15 (100 %)	1-cell to 2-cell within 24 hr
15 / 15 (100 %)	1-cell to expanded blastocyst within 96 hr

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

**Test assay method and results:** 21 1-cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium overlaid with the test articles adhered to the outside of the culture plate in incubator ELI-243:

21 / 21 (100 %)	1-cell to 2-cell within 24 hr
19 / 21 ( 90 %)	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. 100 percent of the control embryos developed to the expanded blastocyst stage within 96-hours. 90 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

05-08-2015  
date

  
signature  
Quality Reviewer

5/8/2015  
date