



IMT International Ltd.  
Canalside Business Park  
Tattenhall Chester  
Cheshire, CH3 9BD  
United Kingdom

 EMBRYOTECH<sup>TM</sup>  
LABORATORIES  
140 Hale Street  
Haverhill, MA 01830  
[gc@embryotech.com](mailto:gc@embryotech.com)

ELI Accession Number: IIL-7605-1017

Date of completion: 10-13-2017

Lot number: 0171610A

Reference number: LBL017

Description of test article(s): Matcher® ID Security Labels For Cryo Use

**Assay system requested by customer:** The test article 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
14 / 15 ( 93 %)	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-181:

21 / 21 (100 %)	1-cell to 2-cell within 24 hr
20 / 21 ( 95 %)	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. 93 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

10-13-2017  
date

  
signature  
Quality Reviewer

10-13-2017  
date