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ELI Accession Number: SPAR-6657-0417

Date of completion: 04-28-2017

Lot numbers: 60735, 70754

Reference number: N/A

Description of test articles:

Oosafe® Disinfectant for CO₂ Incubator and Laminar Flow Hoods, Oosafe® Laboratory Surface Disinfectant

Assay system requested by customer: An incubator was cleaned with the test article (Lot number 60735). Post cleaning 1mL of the test article (Lot number 70754) was placed in a corresponding Petri dish and placed in the cleaned incubator. A culture plate was set up and one-cell mouse embryos were cultured in the cleaned incubator with the test articles for 96-hours.

Control assay method and results: 15 one cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium in control incubator ELI-243:

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 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 while in an incubator ELI-248 containing the Petri dishes filled with the test articles:

20 / 21 (95 %)

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. 100 percent of the control embryos developed to the expanded blastocyst stage within 96-hours. 95 percent of the embryos cultured in an incubator previously cleaned and containing the test article developed to the expanded blastocyst stage within 96-hours.

Signature
Study Director

04-28-2017

Date

Signature
Quality Reviewer

04-28-2017

Date