

Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 93-R-0016
2. Number 54 of animals used in this study.
3. Species (common name) rabbit of animals used in the study.
4. Explain the procedure producing pain and/or distress.

The model requires the induction of pneumonia by administering bacteria directly to the lungs (under general anesthesia and endotracheal intubation). After the infection takes place it is expected the animals will experience some pain and distress related to the infection, not the procedure to induce the infection.

5. Attached or include an explanation with the reason(s) for why anesthetics, analgesics and tranquilizers could not be used. (For Federally mandated testing, see Item 6 below)

The use of standard NSADs could interfere with the establishment of the infection in the lungs. Moreover, respiratory depression may occur with the use of opioid analgesics in animals, which could adversely affect induction of or survival from experimental pneumonia.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9CFR 113.102):

Agency _____ CFR _____

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1. Registration Number: 93-R-0016

2. Number 2 of animals used in this study.

3. Species (common name) rabbit of animals used in the study.

4. Explain the procedure producing pain and/or distress.

Preterm pups are delivered via C-section and placed in the incubator at 32°C and 75% of humidity. The pups are fed twice per day via a 3.5 Fr orogastric tube placed just before the feeding.

5. Attached or include an explanation with the reason(s) for why anesthetics, analgesics and tranquilizers could not be used. (For Federally mandated testing, see Item 6 below)

No major pain or distress is expected from the feeding or injection procedures.

Our skilled staffs will handle these procedures to minimize the pain/distress caused by i/m injections and placing the orogastric feeding tube, and observe 5 to 10 minutes to make sure all pups recovering quickly from procedure.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9CFR 113.102):

Agency _____ CFR _____