

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.

65-R-0505

1. Registration Number: _____

19; 2 not admin. analgesic drug

2. Number _____ of animals used in this study.

rabbit

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

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

Attachment, feeding and removal of ticks from rabbit ears. Health care records indicated that some rabbits experienced distress or pain during feeding and removal of ticks. Buprenex, a non-steroidal anti-inflammatory drug, was used to alleviate distress or pain on the recommendation of the attending veterinarian.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

Ticks were removed from two (2) rabbits without administration of pain/distress medication at the request of the principal investigator because there was reason to believe that Buprenex interferes with tick feeding physiology and collection of reproducible experimental results. Administration of Buprenex may also have contributed to mechanical tissue damage and inflammation on the feeding site. The principal investigator and the attended veterinarian discussed the possibility of using Meloxicam as an alternative for pain/distress for the two animals in question, but Meloxicam is also a non-steroidal anti-inflammatory drug. Five (5) days after removal of ticks the 2 rabbits were euthanized in accordance with the approved protocol for the study.

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, 9 CFR 113.102):

Agency _____ CFR _____