

1352e

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.

73 DL
1. Registration Number: 71-R-0001

2. Number 38 of animals used in this study.

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

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

Young bull calves were challenged with an intestinal pathogen as part of a project to develop an effective vaccine against this agent. It was necessary for some animals to develop the disease to determine if the vaccine could work. The calves were carefully monitored several times daily, and when they showed significant signs of disease, they were humanely euthanized.

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)

The use of antibiotics, fluids, anti-inflammatory medications, or other treatments would have altered the natural course of disease progression. The animals were monitored carefully and frequently so that timely intervention and euthanasia would prevent prolonged distress.

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 _____

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73 WK
71-R-0001
1. Registration Number: _____

2. Number 392 of animals used in this study.

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

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

The rabbits used in this study were used to feed small ticks on their ears as part of a tick production project.

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)

Once the ticks have completed feeding, the rabbits are returned to the vendor and humanely harvested for meat production. No medications have been identified that could lessen any minor discomfort from the feeding ticks without leaving an inappropriate drug residue in the meat.

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 _____