

## Obtained by Rise for Animals. Uploaded 07/09/2020

1. Registration Number: 73-R-0001

2. Number 400 of animals used in this study.

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

The rabbits were used to feed small ticks as part of a tick production project.

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.

Agency \_\_\_\_\_ CFR \_\_\_\_\_

DEC 2 2014

### 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: 73-R-0001

2. Number 21 of animals used in this study.

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

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

Boars were castrated using practices standard in swine production units.

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 boars castrated using practices standard to swine production were compared to swine castrated using a novel anesthetic technique.

A comparison group was needed to determine whether the new technique led to less post-operative discomfort than current swine castration practices.

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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2. Number 30 of animals used in this study.

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

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

Pigs 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 pigs 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):

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1. Registration Number: 73-R-0001

2. Number 64 of animals used in this study.

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

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

Wild-caught bears were anesthetized for a single dental extraction.

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)

Although the bears were anesthetized during the extraction and were administered analgesic medication, they could not be administered repeat doses of analgesics because they were released back into the wild upon anesthetic recovery.

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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