

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: **63-R-0011**
2. Number of animals used in this study. **18**
3. Species (common name) **Guinea Pig** of animals used in the study.
4. Explain the procedure producing pain and/or distress.

Forced swim stress. The forced-swim test is a procedure in which guinea pigs are forced to swim for 15 min. Guinea pigs will be placed in plastic cylinders (75 x 30 cm) filled to 54 cm depth with 25°C water. If the animal starts to sink, the trial will be terminated and the pig will be immediately rescued from the tank by one of the authorized personnel.

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)

Based on the fact forced swim stress is designed to analyze stress, clearly, no drugs can be given to relieve this stress.

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 **N/A** CFR

NP 6/19/2013