

Continuation Sheet for Annual Report of Research Facility**Column E Explanation**

1. **IACUC Registration Number:** 15-14
2. **A total of 2 animals have been used in this study.**
3. **Species (common name) used in this study:** Rabbits.
4. **Justification for 'Classification E' for Rabbits under UTD IACUC Protocol #15-14:**

“The animals will be tested for the recovery of pain and temperature axons (i.e., C-fibers) with topical capsaicin on the dorsal aspect on the foot over a small area of a dermatome normally innervated by the peroneal nerve. Capsaicin, the active ingredient of chili peppers, causes irritation and moderate pain, which prompts the animal to lick the injection site for approximately 20-30 seconds.”
5. **Justification for 'Classification E' for Rabbits (cont.)**

“Capsaicin is needed as it binds selectively to the TPVR-1 channels in the C-fibers and serves as specific indicator of pain and temperature axon regeneration. We have tested this sensory method test in 28 rabbits previously at UTA with no deleterious effects to the animals.”

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