## NOV 1 1 2015

The Rockefeller University

Registration number: 21-R-0226

## **Category E Explanation**

63 hamsters were used in a Pain Category E study that evaluated vaccine efficacy following a spore challenge. Humane endpoints were established. Anesthetic, analgesic, and tranquilizing drugs were not used due to possible interference with vaccine-induced immunity noted during the alternative literature search.