UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 87-V-001

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

Department of Veterans Affairs Headquarters 810 Vermont Avenue NW Washington, D.C. 20429

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

660

VA Negical Center 500 Foothill Blvd.

Salt Lake City, UT 84148

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMAL: (Cols. C + D + E)
4. Dogs	3	0	24	0	24
5. Cats	0	Û	2	0	2
6. Guinea Pigs	. 0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	10	0	106	5	111
9. Non-human Primates .	0	0	С	0	0
10. Sheep	0	ŋ	0	0	О
11. Pigs	0	0	0	0	<u> </u>
12. Other Farm Animals					
13. Other Animals					
Mice	165	Ŋ	1135	0	1135
Rais	240	0	1981	0	1981

Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anothetic, analgesic, and tranquilizing diugs; prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility

2). Each principal investigator has considered alternatives to painful procedures

3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

care sale to oversee the adequacy of pher aspects of 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary

animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete)

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"Item E" of the APHIS Form 7023 states; Number of animals upon which teaching accompanying pain or distress to the animals and which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or test. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report.)

The five animals listed under item E of the USDA "Animal Report of Research Facility", were used on Protocols where the Rabbits were injected with Freunds complete adjuvant only on the first injection for antibody production to small amounts of isolatedd peptids/proteins that are weakly antigenic. The Protocols covering these animals are:

VAMC SLC Protocol # 98/1 "Pathogenesia of Emphysema" 2 Rabbits

VAMC SLC Protocol # 98/7 "Regulation of the cAMP-Specific Phosphodiesterose" 3 Rabbits

In order to achieve antibody production it is essential to use small amounts of Freunds adjuvant for the initial injection only. The Animal Procotols have been reviewed and approved by the Salt Lake City VAMC IACUC and by National VA Veterinary Officer review as part of the Merit Review Process.

