OMB APPROVED
0579-0036

Interagency Report Control No. 0180-DOA-AN

Fiscal year: 2022

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

Annual Report of Research Facility
Column E Explanation

(TYPE OR PRINT)

This information is required by law (7 U.S.C. 2143 and 9 C.F.R. §2.36). Failure to report according to the regulations can result in an order to cease and desist.

1. REGISTRATION NUMBER	2. Research Facility Headquarters address
93-R-0066	Salk Institute for Biological Studies 10010 N. Torrey Pines Road La Jolla, CA 92037
3. Number of animals used in the study. 4	4. Species (common name) of animals used in the study. Guinea pigs

5. Explain the procedure producing pain and distress.

An investigator using guinea pigs was granted Salk IACUC approval to utilize complete Freund's adjuvant in order to elicit high affinity and avidity antibodies against inoculated epitopes. Animals were given analgesics at the time of antigen/CFA injection, however continuous pain control following injection may not be achieved when analgesic side-effects become a risk (buprenorphine and gastrointestinal stasis; NSAIDS and gastrointestinal ulceration and potential renal impairment), and residual inflammation may lead to further discomfort/pain. These animals are therefore considered category E per the animal use protocol.

6. Provide the scientific justification for not providing the appropriate anesthetics, analgesics, or tranquilizing drugs during procedures where the animal experienced accompanying pain or distress greater than momentary or slight.

Animals were given analgesics at the time of antigen/CFA injection, however continuous pain control following injection may not be achieved when analgesic side-effects become a risk (buprenorphine and gastrointestinal stasis; NSAIDS and gastrointestinal ulceration and potential renal impairment).

7. 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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93-R-0066	Salk Institute for Biological Studies 10010 N. Torrey Pines Road La Jolla, CA 92037
3. Number of animals used in the study. 9	4. Species (common name) of animals used in the study. Rabbits

5. Explain the procedure producing pain and distress.

Two investigators using rabbits were granted Salk IACUC approval to utilize complete Freund's adjuvant in order to elicit high affinity and avidity antibodies against inoculated epitopes. Animals were given analgesics at the time of antigen/CFA injection, however continuous pain control following injection may not be achieved when analgesic side-effects become a risk (buprenorphine and gastrointestinal stasis; NSAIDS and gastrointestinal ulceration and potential renal impairment), and residual inflammation may lead to further discomfort/pain. These animals are therefore considered category E per the animal use protocol.

6. Provide the scientific justification for not providing the appropriate anesthetics, analgesics, or tranquilizing drugs during procedures where the animal experienced accompanying pain or distress greater than momentary or slight.

Animals were given analgesics at the time of antigen/CFA injection, however continuous pain control following injection may not be achieved when analgesic side-effects become a risk (buprenorphine and gastrointestinal stasis; NSAIDS and gastrointestinal ulceration and potential renal impairment).

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