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OMB APPROVED  
0579-0036

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control  
No. 0180-DOA-AN

Fiscal Year: 2009

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NUMBER: 57-R-0116

Customer Number: 1719

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

Merial Limited  
3239 Satellite Blvd. (b)(2)High, (b)(7)f  
Duluth, GA 30096  
Telephone: (573) 642 5977

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) See Attached Listing

See attached listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, 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 on these animals and the reasons such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS (Cols. C + D + E)
4. Dogs		436	168		604
5. Cats		383	90	4	487
6. Guinea Pigs		94	142	14	250
7. Hamsters		2817		2258	5075
8. Rabbits		5	94		99
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Ferrets		10			10

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- 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.
- The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))  
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.	NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)	DATE SIGNED
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(b)(6), (b)(7)c

APHIS FORM 7023  
AUG 2009

NOV 18 2009

Nov 15, 2009  
EG 12/3/09

## **APHIS Form 7023 Column E Explanation**

### **Hamster**

#### **Explain the procedure producing pain and/or distress:**

This testing requires challenging hamsters with the virulent agent in order to evaluate efficacy and potency. 2258 hamsters experienced weight loss, debilitation and death.

#### **Provide scientific justification why pain and/or distress could not be relieved:**

Supportive care, anesthetics, analgesics and tranquilizing drugs are not appropriate treatment for this agent and would interfere with the evaluation of the test article that is required by the USDA for licensing of the product.

### **Cats**

#### **Explain the procedure producing pain and/or distress:**

The development studies of the test article require a challenge of cats with a virulent agent in order to evaluate efficacy and potency. 4 cats exhibited clinical symptoms consistent with the challenged agent, but died prior to euthanasia.

#### **Provide scientific justification why pain and/or distress could not be relieved:**

Progression of clinical disease was too rapid for intervention with euthanasia. Evaluation of the test article is required by USDA for licensing of the product.

### **Guinea Pigs**

#### **Explain the procedure producing pain and/or distress:**

The safety testing for the test article required injection in order to evaluate efficacy and safety. 14 guinea pigs exhibited adverse clinical symptoms.

#### **Provide scientific justification why pain and/or distress could not be relieved:**

Supportive care, anesthetics, analgesics and tranquilizing drugs are not appropriate treatment for this agent and would interfere with the evaluation of the test article. Evaluation of the test article is required by USDA for licensing of the product.

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