

NOV 23 2004

See attached form for additional information.

Interagency Report Control No: SP

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0003

FORM APPROVED  
OMB NO. 0579-0036

CUSTOMER NUMBER: 559

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Health Partners Research Foundation  
640 Jackson Street  
Mail Stop 11503h  
St Paul, MN 55101

Telephone: (612) 221-2928 651-251-3391

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

FACILITY LOCATIONS ( Sites ) - 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.	B. Number of animal 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 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 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 reason such drugs were not used must be attached to this report )	F. TOTAL NUMBER OF ANIMALS ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		3			3
9. Non-human Primates					
10. Sheep		10			10
11. Pigs		21			21
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) 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, 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.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
(e Officer or Legally Responsible Institutional Official )

NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL ( Type or Print )

etc.)

DATE SIGNED

11/17/04

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

1. CERTIFICATE NUMBER: 41-R-0005  
CUSTOMER NUMBER: 547

FORM APPROVED  
OMB NO. 0579-0036

University Of Minnesota  
Rsch Animal Resources  
420 Delaware St Ne Mmc351  
Minneapolis, MN 55455

NOV 29 2004

Telephone: (612) -624-9100

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

FACILITY LOCATIONS ( Sites ) - 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 tranquiliz- ing drugs would have adversely affected the procedures, res- ults or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report )	F.  TOTAL NUMBER OF ANIMALS ( COLUMNS C + D + E )
4. Dogs	12	78	286		364*
5. Cats		45	432		477*
6. Guinea Pigs		96	340		436
7. Hamsters			663		663
8. Rabbits	12	72	405	35	512
9. Non-human Primates	1	36	53	2	91
10. Sheep	5	37	254		291
11. Pigs	6	227	721	40	988
12. Other Farm Animals	20	207	765		972
(goat, horse, cow, llama, donkey)					
13. Other Animals					
Chinchilla			223		223
Wild Rodents		946			946

\* 310 dogs and 412 cats were humane society owned and returned

ASSURANCE STATEMENTS

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- 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 an explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official )

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

( obsolete.)

DATE SIGNED

11/23/04

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**CONTINUATION SHEET FOR ANNUAL REPORT  
OF RESEARCH FACILITY  
( TYPE OR PRINT)**

<b>1. REGISTRATION NO.</b> 41-R-0005	<b>FORM APPROVED OMB NO. 0679-0036</b>
---	--

**2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA)**

*Include zip Code*  
University of Minnesota  
Rsch Animal Resources  
420 Delaware Street SE MMC-351  
Minneapolis, MN 55455 612-624-9100

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets if necessary or use this form.)

## **ASSURANCE STATEMENTS**

- 1). 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.
  - 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.
  - 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official)**

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

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

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

**NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL** \_\_\_\_\_

**DATE SIGNED**

*[Handwritten signature of Michael J. Madigan]*

**Richard W. Bianco, Asst. Vice-President**

DATE SIGNED  
11/23/09

#### **Column E Explanation**

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 41-R-0005

2. Number 40 of animals used in this study.

3. Species (common name) swine of animals used in the study.

4. Explain the procedure producing pain and/or distress.

Procedure: Pigs were challenged oro-nasally with PRRS virus. This virus causes viremia and can cause interstitial pneumonia. The particular strain that we used was particularly mild and no clinical signs were evident, including fever.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

No clinical signs were evident

6. 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):

Not applicable

Agency \_\_\_\_\_ CFR \_\_\_\_\_

**Column E Explanation 2004**

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 41-R-0005

2. Number 35 of animals used in this study.

3. Species (common name) rabbit of animals used in the study.

4. Explain the procedure producing pain and/or distress.

This laboratory studies staphylococcal, streptococcal, and enterococcal factors that lead to production of toxic shock syndromes or endocarditis. Toxic shock syndromes by definition require hypotension/shock to be present for diagnosis, and thus, for our studies, we must allow progression to at least that point. The end point is failure of rabbits to exhibit escape behavior combined with inability to right themselves. This is particularly important to assess the protective ability of toxoid vaccines we have developed. At that time the animals are euthanized.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

There have been many published studies indicating pain relieving medications are in fact risk factors for development of toxic shock syndromes. Although the exact mechanism underlying the increased risk is unclear, there is evidence to suggest that the toxins have significant effects on the host nervous system, and thus may synergize with pain relieving medications. It is for this reason that we do not administer such medications in certain experiments.

6. 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):

Not Applicable

Agency \_\_\_\_\_ CFR \_\_\_\_\_

## **Column E Explanation**

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration number: 41-R-005

2. Number of animals used in this study: For the time period specified October 1, 2003 – September 30, 2004 - 2 animals.

3. Species used in this study: Rhesus macaque.

4. Explain the procedures producing pain or distress:

Recipient animals undergo a potent immunotherapeutic regimen, induction of diabetes with streptozotocin, and three relatively minor surgical procedures. Animals potentially may experience pain, distress, discomfort.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain or distress would interfere with test results:

Complications are minimized through intense management of each individual animal. The pre- and postoperative phase entails close collaboration with RAR veterinarians in order to deal with any adverse effects arising from pharmacologic agents or surgical procedures. Analgesics and other medications are used but may not be able to completely relieve discomfort and/or distress caused by immunosuppression and diabetes.

Analgesics, buprenorphine, are administered on a regular basis (every 6 hours) and ibuprofen for the first 48 hours after surgery, followed by administration as needed. Hypo- or hyperglycemic event are treated with dextrose PO or IV, glucagon IV and insulin and fluids, respectively.

Since the animals are likely to experience some loss of appetite with immunosuppressive drugs, we have successfully counteracted this with a specialized highly palatable diet and protein supplement. Special attention is paid to enrichment and group housing during immunosuppressive periods to ensure the animal does not experience depression or change in routine.

The vomiting that has potential to occur after streptozotocin injection has been effectively managed with the addition of Zofran, a highly recommended pediatric antiemetic. Potential risk for infection is taken very seriously and animals are monitored closely for signs of infection, so that treatment can commence before serious symptoms occur.

6. What if any federal regulations require this procedure?  
**Not applicable.**

41-R-0005  
University of Minnesota  
Annual Report 2004

There is one exception to the regulations and standards approved by the IACUC:

The post-operative care program used to temporarily house dogs and pigs after surgery has kennels with approximately 20 square feet of floor space. That space meets the NIH and AWA guidelines for dogs up to 30 kg and pigs up to 50 kg but not over (over 30 kg dogs and pigs weighing between 50 and 100 kg should have 24 square feet). The kennels do have the opportunity for enlargement via the opening of an interconnecting side panel and this is done when a large weight dog or pig is present and the veterinarian's medical judgment is such that it is considered beneficial. If RAR veterinarians require limited exercise and movement for post-surgical patients, then the animals may be maintained in the 20 sq ft kennels, which is an exception to the standards. In practice, it is uncommon to have dogs over 30 kg in the postoperative care program. Pigs under post-operative care are generally 10-50 kg with an occasional patient weighing between 50-80 kg.

# UNIVERSITY OF MINNESOTA

Twin Cities Campus

Research Animal Resources/Veterinary  
Services  
Academia Health Center

B305 Phillips Wangensteen Building  
516 Delaware Street S.E.  
MMC351 Mayo, 420 Delaware Street  
SE  
Minneapolis, MN 55455  
Office: 612-624-9100  
Fax: 612-625-7632  
<http://www.ahc.umn.edu/rar/>  
Email: compmed@umn.edu

September 15, 2005

Elizabeth Goldentyer, DVM  
Regional Director – Animal Care  
Eastern Region  
920 Main Campus  
Drive, Suite 200  
Raleigh, NC 27606-5213

Dear Elizabeth,

Upon recommendation of our USDA Veterinary Medical Officer we are submitting the following amendments to the University of Minnesota's Form 7023, 2004 Annual Report, Registration #41-R-0005.

40 pigs listed as Category E were subsequently placed by the IACUC into Category C because no clinical signs were observed.

Additions:

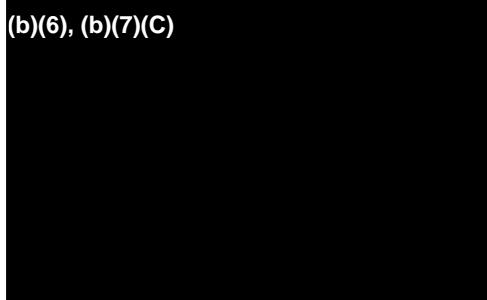
140 Category C lions  
10 Category C cats

I apologize for inadvertently not including these animals on the original report.

Please let me know if you have any questions about this information.

Sincerely,

(b)(6), (b)(7)(C)



UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0006  
CUSTOMER NUMBER: 542

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Mayo Foundation  
200 First Street, S.W.  
Rochester, MN 55905

Telephone: (507) -284-2511

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

FACILITY LOCATIONS ( Sites ) - 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.	B. Number of animal 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 in these animals and the reasons such drugs were not used must be attached to this report )	F. TOTAL NUMBER OF ANIMALS ( COLUMNS C + D + E )
4. Dogs	32	3	332	0	335
5. Cats	0	0	20	0	20
6. Guinea Pigs	1	7	12	0	19
7. Hamsters	0	5	2	0	7
8. Rabbits	4	213	806	0	1019
9. Non-human Primates	6	0	18	0	18
10. Sheep	0	0	4	0	4
11. Pigs	123	611	634	0	1245
12. Other Farm Animals Goats	17	0	12	0	12
Horses	3	0	0	0	0
13. Other Animals					

**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.
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**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

( obsolete.)

DATE SIGNED  
11/02/04

**Animals were used in the following Mayo Foundation facilities:**

**Customer ID and site address:**

**Customer ID: 542**

**Mayo Clinic Rochester**  
200 First Street, S. W.  
Rochester, MN 55905  
County: Olmsted

**Sites:**

**Institute Hills Research Facility**  
**Guggenheim Building**  
**Alfred Building**  
**Medical Sciences Building**  
**Development Project Support Facility**

**Customer ID: 542**

**Mayo Clinic Jacksonville**  
4500 San Pablo Road  
Jacksonville, FL 32224  
County: Duval

**Site:**

**Birdsall Building**

**Customer ID: 542**

**Mayo Clinic Scottsdale**  
13400 Shea Blvd.  
Scottsdale, AZ 85259  
County: Maricopa

**Site:**

**Johnson Research Building**



NOV 09 2004

200 First Street SW  
Rochester, Minnesota 55905  
507-284-2511

November 2, 2004

[REDACTED]  
Comparative Medicine  
507-284-1050, Fax 507-284-1059

Dr. Elizabeth Goldentyer, Regional Director  
USDA, APHIS, Animal Care  
Eastern Regional Office  
920 Main Campus Drive, Suite 200  
Raleigh, NC 27606-5213

Dear Dr. Goldentyer:

RE: Research Facility Annual Report, Registration 41-R-0006

Enclosed is the "Annual Report of Research Facility" (APHIS Form 7023) form with attachments for the Mayo Foundation (Certificate Number: 41-R-0006, Customer Number: 542). Jonathan J. Oviatt, J.D., who is the Institutional Official for animal use at all Mayo Foundation sites, has signed the form.

The Institutional Animal Care and Use Committee has approved three exceptions to the Animal Welfare Act regulations and standards.

- The IACUC approved an exception to the pig housing guidelines (Guide for the Care and Use of Laboratory Animals) in the Birdsall Building, Mayo Clinic Jacksonville. Up to 12 pigs at between 25-30 kg are housed in 12 square feet of floor space for less than 24 hours.
- The IACUC approved an exception to the pig housing guidelines (Guide for the Care and Use of Laboratory Animals) at the Development Project Support Facility, Mayo Clinic Rochester. Approximately 35 breeding females, each less than 200 kg, are pair housed within a pen. The involved pens provide between 50-64 square feet of floor space. This temporary (60 days or less) pair housing arrangement involves up to three pens in room number 1221.
- The IACUC approved extending the shelf life of guinea pig and nonhuman primate chow from 3 months to 6 months. Currently, LabDiet® and Harlan Teklad® brand diets are used and both have USDA approval for a 6-month shelf life.

Studies involving "death as an endpoint" or LD<sub>xx</sub> studies were not carried out at Mayo Foundation this past year.

Attending veterinarians at all sites have the authority to ensure that adequate veterinary care is provided. The attending veterinarian at Mayo Clinic Scottsdale has changed this past year and is now [REDACTED] is a full time veterinarian employed by Mayo Clinic Scottsdale in the Department of Biochemistry. Full time staff veterinarians oversee the Department of Comparative Medicine, which administers all aspects of the animal care and use program at Mayo Foundation.

Sincerely,

[REDACTED]

CSF/am

Enclosure

cc:

J. Oviatt

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. CUSTOMER NO.  
41-R-0007 591

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

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

MINNEAPOLIS MEDICAL RESEARCH FOUND., INC.  
914 SOUTH EIGHT STREET  
3RD AND 10TH FLOOR  
MINNEAPOLIS, MN 55404

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)

MINNEAPOLIS MEDICAL RESEARCH FOUND., INC.  
MINNEAPOLIS, MN 55404

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

A.	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 in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			20		20
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			63		63
9. Non-Human Primates					
10. Sheep			101		101
11. Pigs	1		137		137
12. Other Farm Animals					
13. Other Animals					

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.
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**CERTIFICATION BY HEADQUARTERS 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)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11/16/2004

**NOV 26 2004** See attached form for additional information.

<p>UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE</p> <p><b>ANNUAL REPORT OF RESEARCH FACILITY</b> ( TYPE OR PRINT )</p>	<p>1. CERTIFICATE NUMBER: 41-R-0008 CUSTOMER NUMBER: 561</p>	<p>FORM APPROVED OMB NO. 0579-0036</p>
<p>3-M Laboratory Animal Research Services 3m Company 3m Center / 270-2a-08 St Paul, MN 55144</p> <p>Telephone: (651) -733-1110</p>		

**ANNUAL REPORT OF RESEARCH FACILITY  
( TYPE OR PRINT )**

3-M Laboratory Animal Research Services  
3m Company  
3m Center / 270-2a-08  
St Paul, MN 55144

Telephone: (651) -733-1110

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

**FACILITY LOCATIONS ( Sites ) - See Attached Listing**

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

## **ASSURANCE STATEMENTS**

- 1) 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 rest 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 an 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.
  - 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official )

SIGNAL

**NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL** / Type or Print /

**DATE SIGNED**

ADMIS 6

(AUG 91)

#### **Column E Explanation**

Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 41-R-0008
2. Number of animals used in the study: 5
3. Species (common name) of animals used in the study: Guinea Pigs
4. Explain the procedure producing pain and/or distress.

Guinea pigs were used in the standardized Modified Buehler Sensitization Test procedure. This is a test to assess the sensitization potential of a chemical entity prior to conducting human safety evaluations. The test consists of repeat applications of the chemical to a small area on the skin of guinea pigs. Thereafter, repeat observations are made for any sensitization that is exhibited by erythema (reddening) or edema (swelling) at the test site. The site is scored for dermal reaction on a classic Draize scale. Five animals displayed clinical signs that caused dosing of these animals to cease. One animal displayed an erythema score of 3 (strong erythema, with or without edema). Three animals displayed an erythema score of 2 (moderate, confluent erythema) with a scabs/sores score of 3 (severe, > 50% of test site). One animal displayed an erythema score of 3 with scabs/sores score of 3.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

It is considered that the use of analgesics during the testing could be a variable in the final cumulative response. However, the animals did not receive further doses and were removed from the study.

6. 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:

### **Column E Explanation**

Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 41-R-0008
2. Number of animals used in the study: 2
3. Species (common name) of animals used in the study: Dogs
4. Explain the procedure producing pain and/or distress.

Beagles received oral or parenteral doses of formulated 3M immune response modifiers (IRMs) and bioactive reference materials to determine the effect on immunomodulation. These systemic studies in dogs aid in pharmacological profiling and help advance viable IRM molecules into human clinical testing and potential drug candidate consideration by demonstrating doses causing an indication of beneficial effect versus an indication of side effects.

One beagle involved in the studies described above, had 15 episodes of emesis over a 5 hour period, and another had 12 episodes of emesis over a 2-hour period. Both beagles were responsive throughout the studies and were improved by eight hours post dose.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

The beagles did not receive pharmacologic intervention to ameliorate the discomfort associated with emesis since such treatments may interfere with the markers being measured in the blood. Also, emesis is an endpoint/side effect that is being monitored under these studies and is believed to be induced by immune mediators such as TNF-alpha. In previous studies, anti-emetics were ineffective except for dexamethasone, at alleviating emesis induced by immune response modifiers. Dexamethasone is a steroid which would interfere with the immunological markers being measured. Both beagles were improved at eight hours post dose so no further intervention, such as IV fluids or pain relief was deemed necessary.

6. 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:

### **Column E Explanation**

Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 41-R-0008
2. Number of animals used in the study: 2
3. Species (common name) of animals used in the study: Pigs
4. Explain the procedure producing pain and/or distress.

Pigs were included on topical dose studies. These studies involve non-consecutive repeated topical dosing of compounds on multiple 20 cm<sup>2</sup> skin sites on one animal. Two animals had associated scab/sore formation on greater than 50% of at least one 20 cm<sup>2</sup> dose site. In both cases the animals were otherwise healthy and were under observation by the attending veterinarian and technical staff. Despite the lesions at the dose site(s) the animals displayed no detectable pain or distress responses. While the animals displayed no noticeable discomfort, they are categorized as column "E" because there may have been the potential for pain or distress.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

While in-vitro tests are routinely run to eliminate those topical drugs and dose levels that might cause adverse effects, the precursor assessments cannot always predict the outcome of repeated dosing. When the scab formation was greater than 50% of the dose site, dosing was discontinued at that site. The discontinuation of dosing in all cases resulted in an improving dose site. Evaluating the potential for recovery from the unexpected adverse effect has scientific value and intervention with a therapeutic remedy (topical anesthetic) would have compromised the clinical observations and scoring of the test site. While using this method, the animals were not in any detectable level of pain or distress and the dose sites improved without infection.

6. 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:

- This report is required by law (7 USC 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 2143.

DCT 252004

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**1. CERTIFICATE NUMBER:** 41-R-0011

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
**( TYPE OR PRINT )**

St. John'S University/Collegeville  
College Of Saint Benedict  
P. O. Box 3000  
Collegeville, MN 56321

Telephone: (320) -363-3350

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

**FACILITY LOCATIONS ( Sites ) - See Attached Listing**

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

## **ASSURANCE STATEMENTS**

- 1) 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, 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 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 brief explanation of the exceptions, as well as the species and number of animals affected.
  - 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official )**

| DATE SIGNED

10/18/2024

**Customer ID and Site Address:**

ID: 560

Science Center

Collegeville, MN 56321

County: Stearns

**Telephone**

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. CUSTOMER NO.  
41-R-0015 558

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY  
(TYPE OR PRINT)**

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,  
include Zip Code)  
NOV 2 2001  
MEDTRONIC PHYSIOLOGICAL RESEARCH  
LABORATORIES  
11520 YELLOW PINE STREET NW  
MINNEAPOLIS, MN 55448  
(763) 514-6800

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

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 in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	75		378		378
5. Cats	0		0		0
6. Guinea Pigs	0		5		5
7. Hamsters	0		0		0
8. Rabbits	5		169		169
9. Non-Human Primates	0		0		0
10. Sheep	20		142		142
11. Pigs	20		239		239
12. Other Farm Animals	0		0		0
13. Other Animals					

ASSURANCE STATEMENTS

- 1) 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.
- 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 the 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.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional official)**

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

AL

NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIG

11/14/

## Aphis Form 7023 Site List

We have housed animals at the following sites:

Medtronic PRL  
11520 Yellow Pine St NW  
Minneapolis, MN 55448  
(763)514-6800

Neaton Farms  
11549 Highway 25  
Watertown, MN 55388  
(952)955-2596

NOV 08 2004

See attached form for additional information.

Interagency Report Control No.: *[Signature]*

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0022  
CUSTOMER NUMBER: 552

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Guidant Corporation  
Cardiac Pacemakers Inc  
4133 Fernwood Ave  
Arden Hills, MN 55112

Telephone: (651) -582-4501

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

*U of MN*

FACILITY LOCATIONS ( Sites ) - See Attached Listing

(b)(6), (b)(7)c

*farms*

**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 animal 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 an 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 wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS ( COLUMNS C + D + E )
4. Dogs	<i>27</i>		<i>85</i>		<i>85</i>
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep	<i>5</i>		<i>26</i>		<i>26</i>
11. Pigs	<i>11</i>		<i>304</i>		<i>304</i>
12. Other Farm Animals					
13. Other Animals					

**ASSURANCE STATEMENTS**

- 1) 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.
- 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.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official )

Si

NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL ( Type or Print )

(solet.)

DATE SIGNED

*14/10/04*

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0029

FORM APPROVED  
OMB NO. 0579-0036

CUSTOMER NUMBER: 551

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Children's Health Care Of St. Paul  
Neonatal Research Laboratory  
345 N. Smith Avenue  
Mail Stop 60138  
St Paul, MN 55102

*OCT 12 2004*

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

Room L282  
address same as above

FACILITY LOCATIONS ( Sites ) - 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.	B.	C.	D.	E.	F.
Animals Covered By The Animal Welfare Regulations	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	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.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which 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 NUMBER OF ANIMALS ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs	0	0	40	0	40
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) 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, 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.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Title optional)

DATE SIGNED

*10/7/2004*

NDV 2.3.2004

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**1. CERTIFICATE NUMBER:** 41-R-0038  
**CUSTOMER NUMBER:** 600

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
**( TYPE OR PRINT )**

**Doane Pet Care  
210 Westwood Pl. South  
Suite 300  
Brentwood, TN 37027**

Telephone: (615) -309-3011

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

**FACILITY LOCATIONS ( Sites ) - See Attached Listing**

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

## **ASSURANCE STATEMENTS**

- 1) 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, 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 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.
  - 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official )**

**INSTITUTIONAL OFFICIAL**

**DATE SIGNED**

11/19/04

**Customer ID and Site Address:**

**ID: 600**

**37499 U.S Highway 169**

**St. Peter, MN 56082**

**County: Nicollet**

**Telephone**

**(507)931-9011**

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0042

FORM APPROVED

OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Ridgewater College  
Veterinary Technology Dept.  
P. O. Box 1097  
Willmar, MN 56201

Telephone: (612) -235-5114

*NOV 22 2004*

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

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**Ridgewater College**

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

A.	B.	C.	D.	E.	F.
Animals Covered By The Animal Welfare Regulations	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	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 reason such drugs were not used must be attached to this report )	TOTAL NUMBER OF ANIMALS ( COLUMNS C + D + E )
4. Dogs		15	24		39
5. Cats		14	26		40
6. Guinea Pigs	4	14			18
7. Hamsters					
8. Rabbits	1				1
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Ferret	1				1
Chinchilla	1				1

**ASSURANCE STATEMENTS**

- 1) 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.
- 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.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official )

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

DATE SIGNED

*11-16-04*

( ch is obsolete.)

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**1. CERTIFICATE NUMBER:** 41-R-0043

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY  
( TYPE OR PRINT )**

**Gustavus Adolphus College  
800 W. College Avenue  
St Peter, MN 56082**

Telephone: (507) -933-8000

OCT 14 2004

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

**FACILITY LOCATIONS ( Sites ) - See Attached Listing**

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

## **ASSURANCE STATEMENTS**

- 1) 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, 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 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 brief explanation of the exceptions, as well as the species and number of animals affected.
  - 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official )**

— 1 —

NOV 29 2004

See attached form for additional information.

Interagency Report Control No.: *out*

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0045  
CUSTOMER NUMBER: 548

FORM APPROVED  
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY  
( TYPE OR PRINT )

University Of St. Thomas  
2115 Summit Avenue  
St Paul, MN 55105

Telephone: (651) -962-5220

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

FACILITY LOCATIONS ( Sites ) - 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 animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use o 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 an 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 wh the use of appropriate anesthetic, analgesic, or tranquilz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report )	F.  TOTAL NUMBER OF ANIMALS ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) 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 rese  
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 ap  
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 inc  
brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official )

SIR

( AUG 91 )

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

Obsolete.

DATE SIGNED

11-23-04

## **Attachment I: FACILITY LOCATIONS**

### ***Room: OWS 382***

Owens Science Hall  
University of St. Thomas  
2115 Summit Avenue  
St. Paul, MN 55126

### ***Room: OWS 252***

Owens Science Hall  
University of St. Thomas  
2115 Summit Avenue  
St. Paul, MN 55126

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0047

FORM APPROVED  
OMB NO. 0579-0036

CUSTOMER NUMBER: 775

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

St. Olaf College  
1520 St. Olaf Avenue  
Northfield, MN 55057

*DEC 17 2004*

Telephone: (507) -646-3004

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

*Biology and Psychology Dept's.*

FACILITY LOCATIONS ( Sites ) - 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 animal 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 tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report )	F.  TOTAL NUMBER OF ANIMALS ( COLUMNS C + D + E )
4. Dogs					<i>None</i>
5. Cats					<i>1</i>
6. Guinea Pigs					<i>1</i>
7. Hamsters					<i>1</i>
8. Rabbits					<i>1</i>
9. Non-human Primates					<i>1</i>
10. Sheep					<i>1</i>
11. Pigs					<i>1</i>
12. Other Farm Animals					<i>11</i>
13. Other Animals					<i>11</i>
					<i>None</i>

ASSURANCE STATEMENTS

- 1) 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.
- 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 an 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.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official )

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

DATE SIGNED

*12/14/04*

*( T 88), which is obsolete.)*

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**1. CERTIFICATE NUMBER:** 41-R-0049  
**CUSTOMER NUMBER:** 794

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
**( TYPE OR PRINT )**

## **Minnesota State University Moorhead**

Moorhead, MN 56563

Telephone: (218) -236-2573

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

**FACILITY LOCATIONS ( Sites ) - 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 animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted Involving no pain, distress, or use o 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 an 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 wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS ( COLUMNS C + D + E )
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits		2		N/A	2
9. Non-human Primates					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals					
13. Other Animals					0

## **ASSURANCE STATEMENTS**

- 1) 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, 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.
  - 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official )**

**NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL / Type or Print /**

**DATE SIGNED**

101 Stay

NOV 16 2004

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	1. CERTIFICATE NUMBER: 41-R-0052 CUSTOMER NUMBER: 1633	FORM APPROVED OMB NO. 0579-0036
<b>ANNUAL REPORT OF RESEARCH FACILITY</b> ( TYPE OR PRINT )		
Insight Biomed Inc. 710 E. 24th St. Suite L30 Minneapolis, MN 55404  Telephone: (612) -336-5050		

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

**FACILITY LOCATIONS ( Sites ) - 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 animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use o 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 an 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 wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits				436	
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

## **ASSURANCE STATEMENTS**

- 1) 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, 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 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 brief explanation of the exceptions, as well as the species and number of animals affected.
  - 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official )

SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL

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

**DATE SIGNED**

11.11.04

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**1. CERTIFICATE NUMBER:** 41-R-0055  
**CUSTOMER NUMBER:** 1657

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY  
( TYPE OR PRINT )**

Parker Hughes Institute  
2720 Patton Road  
Roseville, MN 55113

OCT 18 2004

Telephone: (651) -604-9064

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

**FACILITY LOCATIONS ( Sites ) - See Attached Listing**

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

## **ASSURANCE STATEMENTS**

- 1) 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, 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 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.
  - 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official )**

SIGNATURE OF CEO OR FINANCIAL OFFICER

**NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL** / Type or Print

DATE SIGNED

DATE ISSUED

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. CUSTOMER NO.  
41-R-0058 1704

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY  
(TYPE OR PRINT)**

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

RIVER VALLEY FARMS, INC.  
750 WALNUT STREET P.O.BOX 40  
MARINE ON ST CROIX, MN 55047  
(651) 433-5965

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

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

A.	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 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)	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)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			51		51
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep			24		24
11. Pigs			289		289
12. Other Farm Animals					
Cattle			1		1
13. Other Animals					

ASSURANCE STATEMENTS

- 1) 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.
- 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 the 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.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional official)**

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

SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/14/2004

(AUG 91)

Jct 88), which is obsolete

PART 1 - HEADQUARTERS

DCT 272004

See attached form for additional information.

Interagency Report Control No. *Jfa*

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0059  
CUSTOMER NUMBER: 1725

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Beckman Coulter, Inc  
1000 Lake Hazeltine Dr  
Chaska, MN 55318

Telephone: (612) -448-4848

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

FACILITY LOCATIONS ( Sites ) - 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 animal 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 tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report )	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		81			81
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
Horses		1			1
13. Other Animals					
Goats	33	54			54
Burros	3	3			3

ASSURANCE STATEMENTS

- 1) 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.
- 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.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
( If Executive Officer or Legally Responsible Institutional Official )

	NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL ( Type or Print )	DATE SIGNED <i>28 Oct</i>
This is obsolete.)		

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**1. CERTIFICATE NUMBER:** 41-R-0060

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY  
( TYPE OR PRINT )**

~~Carleton College~~ ~~500 Simone Court~~ Please omit, this is wrong.  
Dept. Of Psychology  
Northfield, MN 55057

Telephone: (507) -646-4372

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

FACILITY LOCATIONS ( Sites ) - See Attached Listing - HULING 17, 19 + 21

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

## **ASSURANCE STATEMENTS**

- 1) 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, testing, surgery, or experimentation were followed by this research facility.
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  - 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICER

**3. TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)**

| DATE SIGNED

10-2744

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**1. REGISTRATION NO.**

**FORM APPROVED  
OMB NO. 0579-0036**

**CONTINUATION SHEET FOR ANNUAL REPORT  
OF RESEARCH FACILITY  
( TYPE OR PRINT)**

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

CARLETON COLLEGE  
DEPT OF PSYCHOLOGY  
NORTHFIELD, MN 55057

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets if necessary or use this form.)

## **ASSURANCE STATEMENTS**

- 1). 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**
  - 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.**
  - 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official)**

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

SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL

**NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL** *(see question 1)*

DATE SIGNED

10-27-84

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**1. CERTIFICATE NUMBER:** 41-R-0061

FORM APPROVED  
OMB NO. 0579-0036

# **ANNUAL REPORT OF RESEARCH FACILITY**

( TYPE OR PRINT )

**Apptec Laboratory Services, Llc  
2540 Executive Drive  
St Paul, MN 55120**

NOV 16 2004

Telephone: (651) -675-2000

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

**FACILITY LOCATIONS ( Sites ) - See Attached Listing**

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

## **ASSURANCE STATEMENTS**

- 1) 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, 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 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.
  - 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**Y HEADQUARTERS RESEARCH FACILITY OFFICIAL  
Officer or Legally Responsible Institutional Official )**

**NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL** (Type or Print)

DATE SIGNED

11/3/09

<p>UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE</p> <p><b>ANNUAL REPORT OF RESEARCH FACILITY</b> ( TYPE OR PRINT )</p>	<p><b>1. CERTIFICATE NUMBER:</b> 41-R-0062 <b>CUSTOMER NUMBER:</b> 16195</p>	<p>FORM APPROVED OMB NO. 0579-0036</p>
--	--	--

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

**FACILITY LOCATIONS ( Sites ) - See Attached Listing**

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

## **ASSURANCE STATEMENTS**

- 1) 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, 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 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 brief explanation of the exceptions, as well as the species and number of animals affected.
  - 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official )

---

OFFICIAL

**NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL** (Type or Print)

**| DATE SIGNED**

10/14/04

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**1. CERTIFICATE NUMBER:** 41-R-0063  
**CUSTOMER NUMBER:** 19782

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY  
( TYPE OR PRINT )**

**Protek International Inc**  
2635 University Ave West  
Suite 140  
St Paul, MN 55114

Telephone: (651) -644-6831

DEC 03 2004

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

**FACILITY LOCATIONS ( Sites ) - See Attached Listing**

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

## **ASSURANCE STATEMENTS**

- 1) 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, 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.
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**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

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

| DATE SIGNED

29 NOV 04

This report is required by law (? USC 21 43) 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

Set reverse side for additional information

Interagency Report Control No  
0180-DOA-AN

NOV 23 2004  
C-41 R0064

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	1. REGISTRATION NO. <b>19810</b>	FORM APPROVED OMB NO. 0579-0036
2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code) <b>Globe College 7166 10th St. North Oakdale, MN 55128</b>		
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.) <b>Globe College, Oakdale, MN</b>		

FACILITY LOCATIONS (Sites)					
<b>Globe College, Oakdale, MN</b>					
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 in those animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	Ø	11	62	Ø	
5. Cats	Ø	16	103	Ø	
6. Guinea Pigs	Ø	3	Ø	Ø	
7. Hamsters	Ø	2	Ø	Ø	
8. Rabbits	Ø	2	Ø	Ø	
9. Non-human Primates	Ø	Ø	Ø	Ø	
10. Sheep	Ø	Ø	Ø	Ø	
11. Pigs	Ø	Ø	Ø	Ø	
12. Other Farm Animals	Ø	Ø	Ø	Ø	
13 Other Animals	Ø	Ø	Ø	Ø	
Chinchilla	Ø	1	Ø	Ø	

ASSURANCE STATEMENTS

- 1) 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
- 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.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official)  
I certify that the above is true, correct, and complete [7 U.S.C. Section 2143].

SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
<hr/> <p>h is ot</p>		11-11-07

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**1. CERTIFICATE NUMBER:** 41-B-0065

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY  
( TYPE OR PRINT )**

Duluth Business University  
4724 Mike Colalillo Dr.  
Duluth, MN 55807

OCT 19 2004

Telephone: (999) -999-9999

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

**FACILITY LOCATIONS ( Sites ) - See Attached Listing**

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

## **ASSURANCE STATEMENTS**

- 1) 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, 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 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.
  - 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official )**

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

| DATE SIGNED

10-12-a4

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE1. CERTIFICATE NUMBER: 41-R-0066  
CUSTOMER NUMBER: 13842FORM APPROVED  
OMB NO. 0579-0036ANNUAL REPORT OF RESEARCH FACILITY  
(TYPE OR PRINT)Land O Lakes Inc  
Ag Research & Technology  
1080 Co Rd F West  
Shoreview, MN 55126

DEC 13 2004

Telephone: (615) 543-4852 / (636) 7412-0103

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

## FACILITY LOCATIONS (Sites) - 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 animal 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 tranquillizing 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, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report)	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E )
4. Dogs	4	34			38
5. Cats	7	16			16
6. Guinea Pigs		16			16
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Ferrets		11			11

## ASSURANCE STATEMENTS

- 1) 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 rest, 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 an 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 brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official)

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

DATE SIGNED

12-10-04

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UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**1. CERTIFICATE NUMBER:** 41-R-0067  
**CUSTOMER NUMBER:** 23127

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
**( TYPE OR PRINT )**

**Newport Laboratories  
727 Oxford St  
Worthington, MN 56187**

Telephone: (507) -372-7779

OCT 12 2004

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

# Rabbit farm

**FACILITY LOCATIONS ( Sites ) - See Attached Listing**

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

## **ASSURANCE STATEMENTS**

- 1) 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, testing, surgery, or experimentation were followed by this research facility.
  - 2) Each principal investigator has considered alternatives to painful procedures.
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  - 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision 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 or Legally Responsible Institutional Official )**

31A

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

DATE SIGNED

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**1. CERTIFICATE NUMBER:** 41-R-0068  
**CUSTOMER NUMBER:** 25077

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
**( TYPE OR PRINT )**

**Minnesota School Of Business  
@ Plymouth  
1455 County Rd 101 North  
Plymouth, MN 55447**

Telephone: (763) -476-2000

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

**FACILITY LOCATIONS ( Sites ) - 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 animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use o 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 an 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 wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	∅	50	25	∅	75
5. Cats	∅	200	100	∅	300
6. Guinea Pigs	∅	2	∅	∅	2
7. Hamsters	∅	1	∅	∅	1
8. Rabbits	∅	1	1	∅	2
9. Non-human Primates	∅	0	0	∅	0
10. Sheep	∅	0	0	∅	0
11. Pigs	∅	0	0	∅	0
12. Other Farm Animals	∅	0	0	∅	0
13. Other Animals	∅	0	0	∅	0

## **ASSURANCE STATEMENTS**

- 1) 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.
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**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
**( Chief Executive Officer or Legally Responsible Institutional Official )**

**SIGNATURE**

| DATE SIGNED

9/21/04

OCT 18 2004

See attached form for additional information.

Interagency Report Control No.: *Yon*

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0069  
CUSTOMER NUMBER: 25366

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Minnesota School Of Business  
@ Richfield  
1401 W 76th St  
Suite 500  
Richfield, MN 55423

SEP 27 2004

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

FACILITY LOCATIONS ( Sites ) - 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 animal 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 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 reason such drugs were not used must be attached to this report )	F.  TOTAL NUMBER OF ANIMALS ( COLUMNS C + D + E )
4. Dogs		0	0		
5. Cats		3	0		3
6. Guinea Pigs		4	0		4
7. Hamsters		0	0		
8. Rabbits		5	0		5
9. Non-human Primates		0	0		
10. Sheep		0	0		
11. Pigs		0	0		
12. Other Farm Animals		0	0		
13. Other Animals		0			

**ASSURANCE STATEMENTS**

- 1) 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.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
( Chief Executive Officer or Legally Responsible Institutional Official )

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

obsolete.)

DATE SIGNED

9-23-04

OCT 18 2004

October 12, 2004

USDA  
Animal care group  
920 Main Campus  
Suite 200  
Raleigh NC 27606-5213

Dear Dr. Goldentyer,

Enclosed you find the corrected annual report for the Minnesota School of Business-Richfield, customer number 25366, certificate number 41-R-0069. I sent over a change of location on 9/23/04 and received confirmation of delivery from "Jeremy" in the animal care division. The annual report was returned to me for correction at the previous location. Please be sure that you have the updated address on file.

New address  
Minnesota School of Business-Shakopee  
1200 Shakopee Town Square  
Shakopee MN 55379  
952-516-7017 veterinary tech. department  
952-345-1200 main number

Thank you

[REDACTED]

Minnesota School of Business-Shakopee  
1200 Shakopee Town Square  
Shakopee MN 55379

NDV 2 6 2004

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**1. CERTIFICATE NUMBER:** 41-R-0070

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY  
( TYPE OR PRINT )**

IVD Services  
10215 Cannon Road  
Saukville, WI 56382

10215 Cannon Road  
Swanville, MN 56382

Telephone: (320) -573-7955

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

**FACILITY LOCATIONS ( Sites ) - See Attached Listing**

10215 Cannon Road  
Swanton, MN 56382

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

## **ASSURANCE STATEMENTS**

- 1) 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, testing, surgery, or experimentation were followed by this research facility.
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**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
**( Chief Executive Officer or Legally Responsible Institutional Official )**

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

**DATE SIGNED**

11/22/04

**h is obsolete.)**