

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average .5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.		OMB APPROVED 0579-0036
		Interagency Report Control No. 0180-DOA-AN
		Fiscal year: 2021
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE Annual Report of Research Facility Column E Explanation (TYPE OR PRINT)		
This information is required by law (7 U.S.C. 2143 and 9 C.F.R. §2.36). Failure to report according to the regulations can result in an order to cease and desist.		
1. REGISTRATION NUMBER 21-F-0002	2. Research Facility Headquarters address Plum Island Animal Disease PO Box 848 Greenport NY 11944	
3. Number of animals used in the study. 3	4. Species (common name) of animals used in the study. sheep	
5. Explain the procedure producing pain and distress. Varying degree of pain and/or distress may occur when reproducing Heartwater Disease. The RVSS, FADDL is responsible for producing and supplying various foreign animal disease (FAD) agents and diagnostic reagents for FADDL, and various other groups.		
6. Provide the scientific justification for not providing the appropriate anesthetics, analgesics, or tranquilizing drugs during procedures where the animal experienced accompanying pain or distress greater than momentary or slight. Treatment with opioid and NSAID analgesics is withheld because it would interfere with evaluation of study results and integrity of experimental data since it could interfere with disease onset and progression. However, all animals are closely monitored once the disease has developed and clinical scoring sheets have been developed to determine objective humane endpoints according to the approved protocols. The attending veterinarian has full authority to treat or euthanize experimental animals should pain and distress occur. The PIADC attending veterinarian and IACUC strive to reduce pain to the lowest level possible and still meet the critical.		
7. What, if any, Federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number, and the specific section number (e.g., APHIS, 9 CFR 113, 102):		
Agency		CFR

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<p>1. REGISTRATION NUMBER 21-F-0002</p>	<p>2. Research Facility Headquarters address Plum Island Animal Disease PO Box 848 Greenport NY 11944</p>	
<p>3. Number of animals used in the study. 5</p>	<p>4. Species (common name) of animals used in the study. pig</p>	
<p>5. Explain the procedure producing pain and distress.</p> <p>Varying degree of pain and/or distress may occur when reproducing Foot and Mouth Disease [FMD], in experimental animals during studies on immune response and pathogenesis. To evaluate the efficacy and potency of a new vaccine or bio therapeutic candidate, research requires challenge of the animals with the disease is required.</p>		
<p>6. Provide the scientific justification for not providing the appropriate anesthetics, analgesics, or tranquilizing drugs during procedures where the animal experienced accompanying pain or distress greater than momentary or slight.</p> <p>All animals are anesthetized prior to painful procedures. Treatment with opioid and NSAID analgesics is withheld because they would interfere with evaluation of study results and integrity of experimental data since it could interfere with disease onset and progression. However, all animals are closely monitored for treatment once the disease has developed and clinical scoring sheets have been developed to determine objective humane endpoints according to the approved protocols. The attending veterinarian has full authority to treat or euthanize experimental animals should pain and distress occur. The PIADC attending veterinarian and IACUC strive to reduce pain to the lowest level possible and still meet the critical scientific needs.</p>		
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<p>3. Number of animals used in the study. 4</p>	<p>4. Species (common name) of animals used in the study. cattle</p>	
<p>5. Explain the procedure producing pain and distress.</p> <p>Varying degree of pain and/or distress may occur when reproducing Foot and Mouth Disease [FMD]. The purpose of this study is to determine the efficacy and potency of FMD vaccines before being acquired by Vaccine Bank.</p>		
<p>6. Provide the scientific justification for not providing the appropriate anesthetics, analgesics, or tranquilizing drugs during procedures where the animal experienced accompanying pain or distress greater than momentary or slight.</p> <p>The efficacy and potency of the FMD vaccines needs to be tested. Treatment with opioid and NSAID analgesics is withheld because it would interfere with evaluation of study results and integrity of experimental data since it could interfere with disease onset and progression. However, all animals are closely monitored once the disease has developed and clinical scoring sheets have been developed to determine objective humane endpoints according to the approved protocols. The attending veterinarian has full authority to treat or euthanize experimental animals should pain and distress occur. The PIADC attending veterinarian and IACUC strive to reduce pain to the lowest level possible and still meet the critical.</p>		
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3. Number of animals used in the study. 3	4. Species (common name) of animals used in the study. rabbit	
5. Explain the procedure producing pain and distress. <p>This study is to elucidate the pathogenesis of Rabbit Hemorrhagic Disease Virus-2 (RHDV-2), the innate immune response as well as the role that specific cell types play in the severity of the disease. Rapid onset of RHD causes pain and distress in the animals.</p>		
6. Provide the scientific justification for not providing the appropriate anesthetics, analgesics, or tranquilizing drugs during procedures where the animal experienced accompanying pain or distress greater than momentary or slight. <p>Rapid onset of RHD in NZW rabbits causes pain and distress. All animals are anesthetized prior to painful procedures. Temperature chips are utilized. Once clinical signs appear in rabbits, analgesics are administered. At the moment of inoculation animals are given a dose of opioid analgesics. All animals are closely monitored for treatment once the disease has developed and clinical scoring sheets have been developed to determine objective humane endpoints according to the approved protocols. The attending veterinarian has full authority to treat or euthanize experimental animals should pain and distress occur. The PIADC attending veterinarian and IACUC strive to reduce pain to the lowest level possible and still meet the critical scientific needs.</p>		
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