

**USDA Report 2012
Category E Justification**

Two hundred ninety-five (295) Guinea Pigs – 10128X4502C

Two hundred ninety-five guinea pigs were used to: 1) provide biological samples from animal models of IPA (invasive pulmonary Aspergillosis) to support the development and assessment of new assays for diagnosis of IPA; 2) evaluate investigational methods of treatment for IPA; 3) refine and optimize animal models for IPA. Animals were immunosuppressed and challenged with *Aspergillus fumigatus*. During the period of infection animals were observed at least twice daily for signs of illness. Any distressed animals were euthanized. Analgesics were not administered due to their ability to influence survivability and tissue burdens of infection. These animals were included in Category E due to the potential for developing clinical signs due to systemic Aspergillosis.