

Standard Operating Procedure

SOP Number: **02-18-5250**

Service: **Research**

Operating Section: **Clinical Medicine**

Unit: **CMF**

Title: **Quarantine, Conditioning and Preventive Health Programs for Laboratory Swine**

Purpose:

To outline the quarantine, conditioning and preventive health program for laboratory swine (*Sus scrofa*)

Procedure:

- 1) Length of quarantine and conditioning period and record keeping:
 - a) Swine will be subject to a 14 day quarantine/conditioning period. Only minor procedures are permitted during this period. A three (3) day acclimation period will be required prior to any but acute non-survival surgical procedures.
 - b) Records of quarantine/conditioning and preventive health will be maintained on appropriate forms. The form will be kept in the individual animal record.

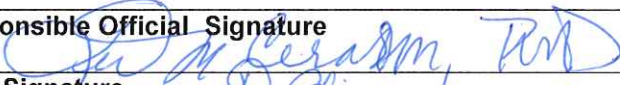

- 2) Specifics of quarantine/conditioning period:
 - a) Day 1
 - i) The animals will be visually observed by husbandry staff when removed from the shipping box or crate. The Clinical Veterinarian/CMF will be notified if any animal appears to be sick or in distress. Any animal which appears sick will be returned to the vendor or alternatively, at the discretion of the Clinical Veterinarian/CMF, may be placed in isolation for veterinary observation.
 - ii) Upon arrival, animals will be identified by tattoo, microchip, or other form of permanent identification. Each animal will be assigned special facility identification numbers, then be assigned to an approved investigator research protocol.
 - iii) Each animal will be assigned a housing area and paired with compatible individuals. Cage cards with the identification number and an IACUC number will be placed on the run.
 - iv) Assignment of any special diet or housing arrangements will be made.
 - v) A permanent individual animal record will be created.
 - vi) Acclimation to handling and restraint will be initiated by the veterinary service technicians and continued daily through the quarantine period.
 - b) Day 2-5
 - i) Ears and skin are checked and are treated for ectoparasites, if necessary.
 - ii) Hooves will be examined and treated and/or trimmed if necessary. Other medical treatment will be assigned at the discretion of the Clinical Veterinarian/CMF.
 - iii) Individual fecal samples will be examined. Treatment will be assigned at the discretion of the Clinical Veterinarian/CMF, or designee. Alternatively, all animals from a given shipment may be treated for parasites.

- c) Day 2-14
 - i) Animal observation will continue (pairing compatible individuals for group housing). Health concerns will be brought to the attention of the Clinical Veterinarian/CMF.
 - ii) Follow-up fecal samples will be taken and treatment for parasites will be assigned at the discretion of the Clinical Veterinarian/CMF.
 - iii) If the quarantine period is uneventful and the health of the animal remains stable, the veterinary staff will release the animals.

- 3) Preventive Health Maintenance (Records will be maintained on a preventive health maintenance form)
 - a) Quarterly exams include:
 - i) Teeth examined
 - ii) Ears examined
 - iii) Hooves trimmed
 - iv) Skin examined for external parasites
 - v) Fecal flotation and tape test
 - vi) Review animal health status
 - vii) Review of individual animal records

 - b) At least annually all animals will have:
 - i) Complete physical exam (heart rate, respiratory rate, lung & heart auscultation, body weight, body temperature and general health assessment)
 - ii) CBC, Chemistry

APPROVALS

Responsible Official Signature	Date
	07/03/2019
QA Signature	Date
	07/03/2019
Version #3	Effective Date
	Supersedes #2
	Original Date
	01/21/15