

Current Deviations from the Guide Regulator

31-R-0116_FY20_X

Total Records: 22

Date Run: 11/19/2020

Species: Swine (<i>Sus scrofa</i>)			Number of animals: 14
Area Involved:	Cleaning		
Description:	Pigs will be housed either on the floor on bedding or in pens. Post infusion with radiopharmaceuticals animals will be housed in such a way that urine and feces are collected (in a pan if housed in pens) and as such only minimal cleaning including spot cleaning with water will be done for a period of 10 half-lives to prevent radioactive materials from entering the drain. 20 hours post infusion with fluorine-18 radiotracer. 60 hours post infusion with technetium-99m radiotracer. This is a deviation from vivarium standards to keep the personnel safe, the extension in time is not defined within the AWA however the time between full sanitization is not unreasonable.		
Species: Swine (<i>Sus scrofa</i>)			Number of animals: 71
Area Involved:	Housing		
Description:	Neonatal premature piglets are housed at room temperatures 85-95 degrees F, which is within the recommended ambient temperature range for this species according LAM 3 rd addition. Neonate piglets will be housed in specially made incubators or housed in rabbit cages. This is an IACUC approved deviation for housing approx. 1kg neonatal piglets, from The Guides standard which only specifies a pig under 15kg which would require 8ft ² housing space.		
Species: Swine (<i>Sus scrofa</i>)			Number of animals: 18
Area Involved:	Housing		
Description:	Neonatal premature piglets will be singly housed in plexiglass incubators (12 in width x 24 in depth x 24 in height) in temperature and light controlled rooms. These cages are equipped to accommodate stainless steel swivel and lightweight tether systems in order to administer the total parenteral nutrition (TPN) and solutions chronically. Neonatal premature piglets are housed at room temperatures 85-92 degrees F, which is within the recommended ambient temperature range for this species according LAM 3 rd addition.		
Species: Chinchilla (<i>Chinchilla lanigera</i>)			Number of animals: 42
Area Involved:	Social housing and Behavioral		
Description:	Prior to experimentation animals will not have access to dust paths. This initial two-week interval is to permit 'wash-out' (e.g. removal of these particles due to normal mucociliary mediated clearance) of dust particles from the nasopharynx which has the potential to interfere with viral and bacterial challenges, including nasopharyngeal bacterial colonization studies. During the experimentation period chinchillas will be singly housed with no access to dust baths. This is an IACUC approved deviation from typical chinchilla vivarium standards. After the experimentation period, chinchillas will have dust baths provided at a period which the animals go off study, prior to termination of the study.		