Georgia State University
Institutional Animal Care and Use Committee
(IACUC)
It is the responsibility of the Georgia State University (GSU) Institutional Animal Care and Use Committee (IACUC) to ensure judicious and humane use of animals used in its teaching and research programs that is consistent with federal requirements.*

Mixing or Diluting Anesthetic/Analgesic Agents

- A sterile diluent should be used (e.g. sterile physiological saline)
- The substance should be stored in a sterile injection vial
- The injection vial must indicate the name of the substance(s), the concentration, and the date of expiration. Regarding date of expiration, please note the following: Single compounds: The date listed on the original bottle or box; Mixtures/Compounds: The earliest date listed on any agent which is mixed or compounded;
- Multiple-dose injectable vials should not be used if they contain particulate matter, precipitates, turbidity, or discoloration.
- Sterile fluids (with no drugs added after opening) that intended to be accessed multiple times to obtain small volumes for administration and drug mixing can be used for 30 days beyond initial opening if containers are kept refrigerated and accessed in an aseptic manner.

Pertinent Regulations* 
U.S. Government Principles for the Utilization and Care of Vertebrate Animals Used in Testing, Research, and Training
Public Health Service Policy
Guide for the Care and Use of Laboratory Animals
Animal Welfare Act (AWA) and AWA Regulations

IACUC Approval Date: 06/01/05
Signature IACUC Chair:
Revision Dates: