

M3 Barrier Practices

Mouse Biology Program
University of California, Davis

Attending Veterinarian:

Kristin Grimsrud, DVM, PhD
Facility Veterinarian
Mouse Biology Program
Tel: 1 530 754 3220
Fax: 1 530 757 3284
importexport@ucdavis.edu

Principal Investigator:

K. C. Kent Lloyd, DVM, PhD
University of California, Davis
Mouse Biology Program
Tel: 1 530 754 6677
Fax: 1 530 757 3284
importexport@ucdavis.edu

Shipping Contacts:

Jessica Campos, Ella Powers & Sarah Denson
Tel: 1 530 757 3206 (Campos)
1 530 757 3147 (Powers)
1 530 757 3287 (Denson)
Fax: 1 530 757 3284
importexport@ucdavis.edu

Specific Room/Facility Description:

Approximate Number of Animals:	6000
Breeding in Room?	Yes
Immune Status:	Undetermined
Genetic Breeds:	Various knockouts, transgenics, and others
Incoming Animal Sources:	Rederivation by embryo transfer required for entry into facility Embryo recipients are housed in a maternity/quarantine ward. Recipients are submitted for pathology/health screening prior to release of mice into other facility rooms.

Husbandry Description:

Does this facility have a dedicated staff?	Yes
Is staff shared with rooms potentially containing pathogens?	No
Are there current or recent infections?	No
Caging system:	Individually Ventilated Cages (Thoren and Optimice caging system)
Changing procedure:	Within laminar flow hood, sanitized between cages.
Protective clothing/procedures:	Masks, gloves, hair covers, dedicated clothing and shoes, shower-in. All materials are autoclaved in.
Note:	This is a high security barrier facility, entry is limited to staff only, investigators are not allowed access to building or lab. Lab is used for embryo transfer, and other reproductive manipulations of derived stock.

Health Monitoring Program:

Sentinels:	2 sentinels per 80-100 cages, or 1 cage sentinels per rack.
Sentinels on used bedding?	Yes
Sentinel submission frequency:	Quarterly, Annually, Bi-Annually
Sentinel description:	CD1s placed at 5-6 weeks of age and taken 12 weeks later. For rederived, derived or resuscitated stock, the embryo recipients are tested prior to shipping or admission into the barrier of the derived litter. For maintenance of lines dedicated sentinels are used. Colony cohorts and clinical cases are also submitted as part of the overall program.
Health Monitoring & Status:	Specific Pathogen Free. For a list of pathogens tested, please refer to the Health Report. All animals participate in health monitoring.