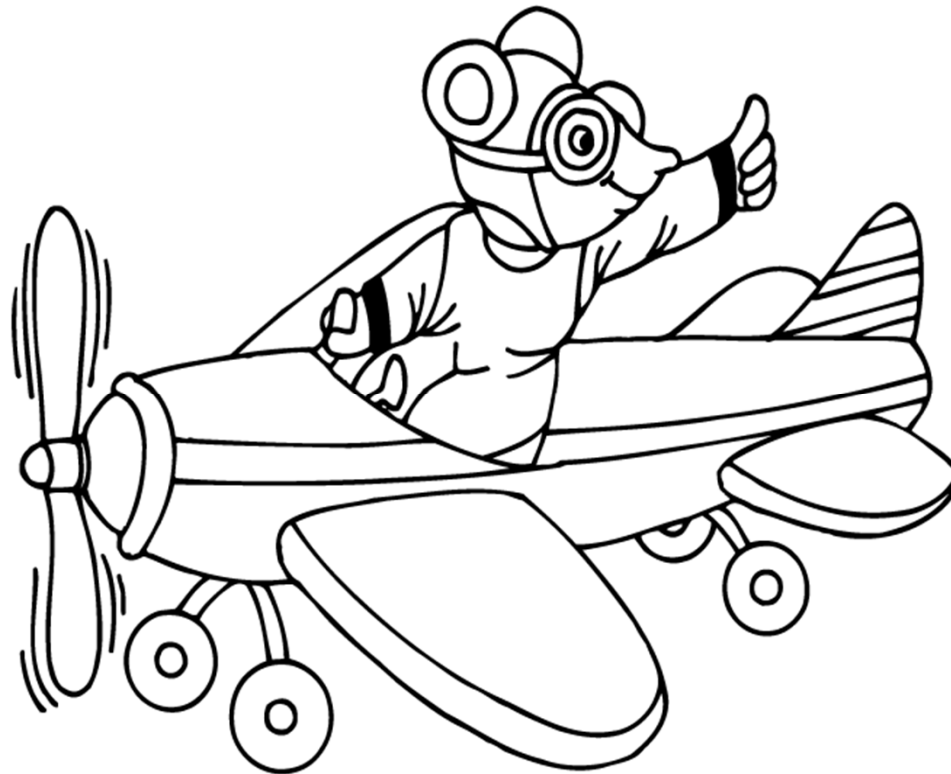


# Successful Mouse Shipments



Vanderbilt University  
Medical Center

# Our Goal is to facilitate mouse exports while concentrating on

- Animal welfare
  - ensuring animals arrive safely and in good health
- Accuracy
  - International policies
  - Crate regulations
  - Crating supplies
  - Crate preparation
  - Identification process
  - Shipment preparation
  - Packing procedure
- User friendly steps

# Animal Safety



- Separate males and females
  - Prevent pregnancy
- Do not ship pregnant females
  - Could result in resorption or spontaneous abortion due to stress
- Do not ship unweaned pups
  - Possible cannibalism from stress as well as pups are not yet strong enough to survive shipment
- Do not combine cages
  - Prevents fighting

# International Requirements

- Mouse numbers must match what was initially provided on the outgoing shipment request

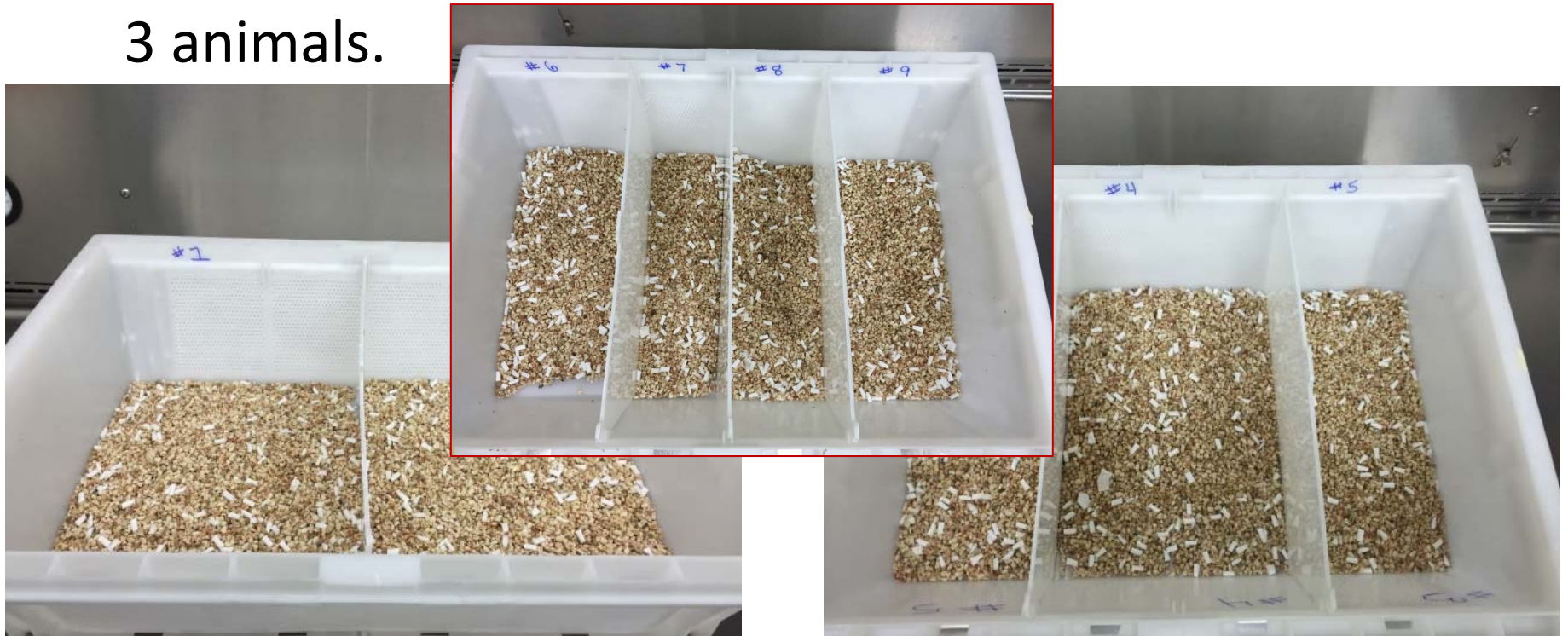
## Animals To Be Shipped

\* Include transgenic or knock-out information.

Species	mouse
Strain	Parvalbumin/Gad1 transgenic C57Bl/6Hsd mice
Number of Male Animals	0
 Number of Female Animals	 5
Number of Cages	1

# Crate Regulations

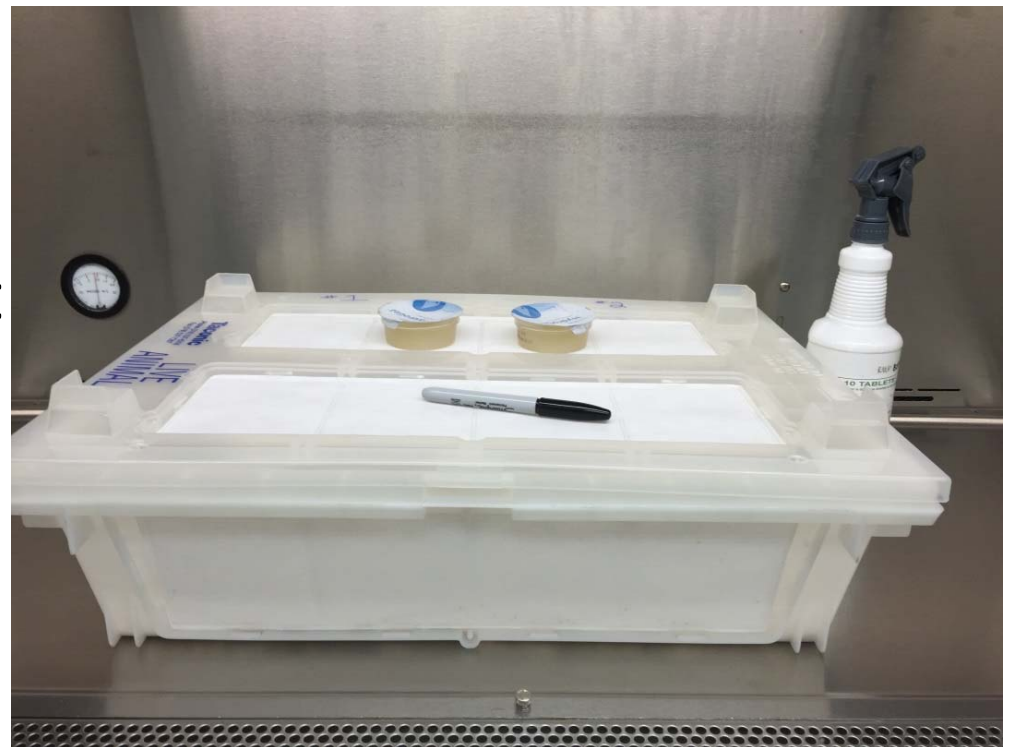
- Each external crate compartment may house up to 5 animals, with the middle two compartments holding 3 animals.



# Crating Supplies

Supplies provided can be found in the designated animal room the morning of the shipment:

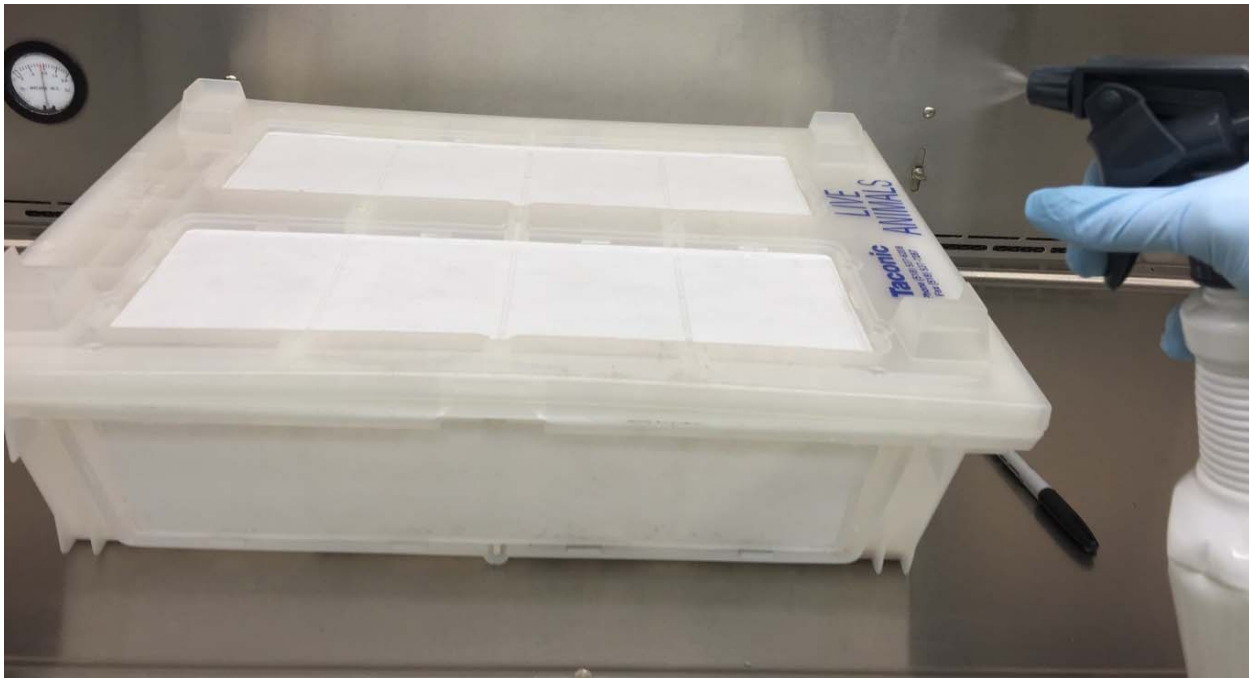
- Shipping crates with dividers and bedding
- Gel packs
- Permanent marker
- Food
- MB-10/Vimoba Sterilant



# Crate Preparation

The packing procedure must be done in a laminar flow hood.

- Prepare for crating by spraying the safety cabinet and crate with MC-10/Vimoba Sterilant





# Identification Process

- 1) Label each cage card with a number starting with #1 and proceeding in ascending order.





# Packing Procedure

2) Using a permanent marker, label the compartments inside the crate to correspond with the cage card/research card number from step 2.

*If not providing cage cards or research cards with shipment, provide a spreadsheet with corresponding compartment number documenting the Strain, Sex, D.O.B, ear tag #, number of mice, etc.*



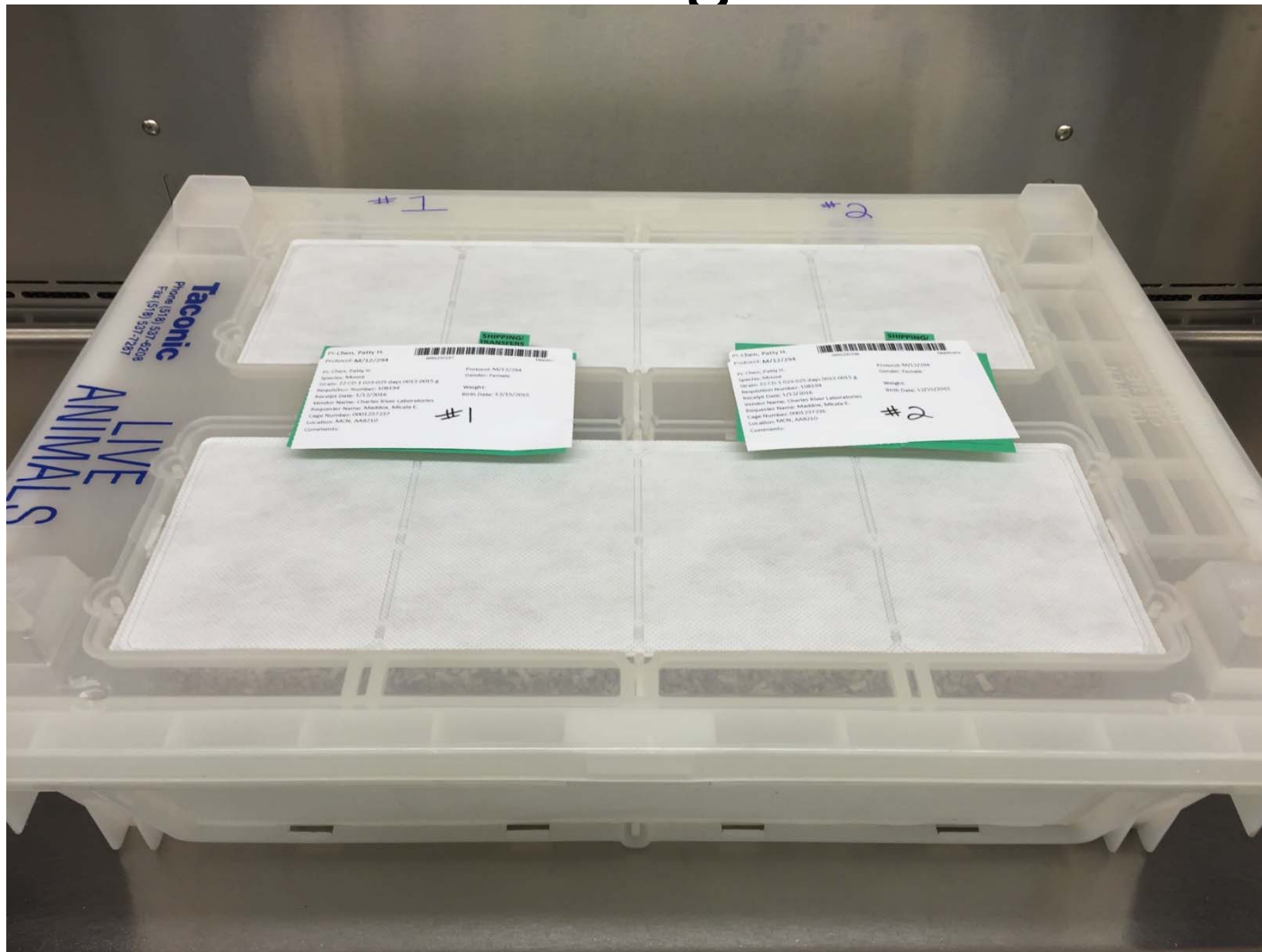
# Packing Procedure

- 3) Using micro isolator techniques, transfer the rodents from the designated cage(s) to the corresponding shipping crate compartment(s). Be aware that mice can climb over the dividers during the packing process.
- 4) Confirm animal count has not changed.
- 5) Document animal count on cage card.
- 6) Snap down the lid on shipping crate. If dividers are used, ensure the alignment of the divider corresponds with the lid.

# Packing Procedure

- 7) Document the crate compartment number on corresponding section of the crate lid.
  
- 8) Leave any paperwork, numbered cage cards, ear tag information, etc. that you would like to ship with the mice on the top of the corresponding crate.
  
- 9) Notify the Facility Manager or designee that the crate is ready for shipment.

# Prepared crate left for Facility Manager





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