



OFFICE OF LABORATORY ANIMAL CARE

# Working Instructions

<b>WIN Number:</b>	<b>404</b>	<b>Incoming Songbird Quarantine Procedures</b>	<b>Revision #:</b>	<b>0</b>
<b>Date Effective:</b>	<b>11/2/23</b>		<b>Supersedes:</b>	<b>0</b>

<b>Author(s):</b>	Kristina Jones	<b>Sign:</b>		<b>Date:</b>	11/4/23
	Daniel Savson	<b>Sign:</b>		<b>Date:</b>	11/3/23
<b>Director:</b>	Dr. Gregory Lawson	<b>Sign:</b>		<b>Date:</b>	11-2-2023

## PROCEDURE

All work instructions must be demonstrated by the trainer and performed by the trainee.

1. Transfer animals from the transport container to appropriate cage(s).
2. Quarantine is expected to last 2-4 weeks to allow time for acclimation, observation, and completion of diagnostic testing.
3. Observe animals for any feet, beak, or wing injuries or other abnormalities. Check general appearance and activity levels. Report any abnormal findings to an OLAC Veterinarian.
4. Take a pooled fecal sample per cage, approximately 0.5 ml if possible, and place in a clean eppendorf tube(s).
  - Submit sample(s) for ova and parasite screening to IDEXX
  - Select test number 3231
5. If the test comes back positive for parasites, treat with a veterinary-approved product such as Worm Out gel.
  - ([http://www.allbirdproducts.com/newproductpages/worm\\_out.html](http://www.allbirdproducts.com/newproductpages/worm_out.html))
6. Apply 2 microliters of 0.1% Ivermectin under the feathers over the thoracic inlet of each bird, and repeat in 10 – 14 days to prevent mites being introduced into the colony.
  - a. Ivermectin Solution:
    - Mix 4.5ml Propylene Glycol with 0.5ml of 1% Ivermectin in a conical tube.
    - Discard the Ivermectin solution after treatments.

7. Representative animals may be euthanized and sent for necropsy at the start of quarantine. Any animals that die or are euthanized due to illness during the quarantine period may need to be submitted for histological analysis.
  - a. Diagnostic samples may be submitted; the need to euthanize and/or send samples is determined by the veterinarian in charge of the case.
  - b. The PI's will be consulted if euthanasia is needed since animal selection may affect their research.
8. If all tests are negative and the treatments are complete, the birds can be released from quarantine, at the veterinarian's discretion.

**REFERENCE DOCUMENTS**

REVISION HISTORY			
REVISION NUMBER	AUTHOR(S)	EFFECTIVE DATE	REVISION(S)