



Inspection Report

Lampire Biological Laboratories Inc
P. O. Box 270
Pipersville, PA 18947

Customer ID: 369

Certificate: 23-R-0122

Site: 002

LAMPIRE BIOLOGICAL LABORATORIES

Type: ROUTINE INSPECTION

Date: 03-MAR-2020

2.38(f)(1) CRITICAL

MISCELLANEOUS.

During a review of IACUC records and facility paperwork, an incident was found involving the death of a goat unintentionally involved in the facility's Goat and Sheep Friends 2020 Protocol. On April 3, 2019, a donor goat, #4630, was inadvertently bled under the facility's core protocol involving anti-body production in goats and sheep. The technician handling the goat, verified the tag number of the goat after removing approximately 900ml of blood and immediately stopped the procedure when she realized it was the incorrect animal. The technician immediately reported the incident to the facility manager. As a goat not intended for the project, the animal did not receive the initial physical exam, bloodwork, and additional testing to ensure that it met the specified health standards written in the protocol and Standard Operating Procedures (SOPs). The animal also was not given the opportunity to go through the facility's typical acclimation phase in which smaller volumes of blood are drawn over time before collecting the maximum blood volume. Before the bleeding occurred, the animal did not exhibit any signs of illness. That afternoon, the animal was found to have profuse diarrhea and was treated as directed by the attending veterinarian. Later that evening, the animal was observed in distress by a staff member and was humanely euthanized.

The facility has well documented protocols and SOPs regarding blood collection procedures. The individual conducting the procedure was trained and found to be proficient to perform this task by the facility prior to this event occurring. The internal IACUC investigation following this incident concluded that it occurred due to human error (failing to check the animal's identification correctly as required by the SOP).

The research protocol and SOP included several appropriate methods to ensure that handling of animals used under the protocol are handled in a careful manner that minimizes stress and physical harm (including pre-use physical examination, bloodwork, and fecal examination). As a result of the human error in checking identification, none of these methods were used for this animal. Large volume blood collections without adequate pre-collection testing may result in the worsening of underlying illness not obvious at the time of collection making subsequent treatment more difficult. Handling of all animals shall be done as expeditiously and carefully as possible in a manner that does not cause trauma, physical harm, or unnecessary discomfort. The unintentional bleeding of the donor goat, resulted in unnecessary physical harm and likely contributed to the death of the animal.

Prepared By:

NOOYEN AMY, D V M

NOOYEN AMY, D V M USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER 6129

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The facility took immediate corrective actions to address the incident. Management investigated the issue, submitted the finding to the IACUC for review, and quickly retrained all of the large animal technicians on the protocol and SOP procedures.

Correct from this day forward by ensuring corrective actions are followed to prevent further occurrence of incidents.

This inspection and exit interview were conducted with facility representatives.

Additional Inspectors

Radzai Christina, Veterinary Medical Officer

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Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
369	23-R-0122	002	LAMPIRE BIOLOGICAL LABORATORIES	03-MAR-20

Count	Scientific Name	Common Name
000314	<i>Capra hircus</i>	DOMESTIC GOAT
000028	<i>Equus asinus asinus</i>	DONKEY / BURRO / ASS
000001	<i>Equus caballus</i>	DOMESTIC HORSE
000034	<i>Lama glama</i>	LLAMA
000004	<i>Lama pacos</i>	ALPACA
001741	<i>Oryctolagus cuniculus</i>	DOMESTIC RABBIT / EUROPEAN RABBIT
000352	<i>Ovis aries aries</i>	SHEEP INCLUDING ALL DOMESTIC BREEDS
002474	Total	