



Inspection Report

Oklahoma State University
101 McElroy Hall Annex
Stillwater, OK 74078

Customer ID: **502460**

Certificate: **73-R-0121**

Site: 001

OKLAHOMA STATE UNIVERSITY

Type: ROUTINE INSPECTION

Date: 01-MAY-2025

2.31(e)(3)

Institutional Animal Care and Use Committee (IACUC).

A protocol involving calves does not provide a complete description of the proposed use of animals.

-The Protocol states in part: "At various timepoints listed below, latent virus will be reactivated with dexamethasone (DEX): Initial IV injection = 1 mg DEX/2.27 kg body weight; 2-and 4 days after IV DEX, two additional IM injections of DEX (0.125 mg/kg) will be given in the neck/shoulder area."

Animal records for a male Holstein, 8532, dated March 26, 2025, record that a single injection of IV Dexamethasone was given on the same day the animal was transported for euthanasia. There were no follow up dexamethasone IM injections as described in the protocol. When questioned the PI stated that a single injection was adequate to reach the desired endpoint.

- In the section detailing the endpoint of the study, the Protocol states: "... during either the acute stage (1-14 days after BoHV administration) and /or after establishment of latency (60-90 days after administration), calves will be humanely euthanized for tissue isolation"

Record review of four calves reveals that euthanasia was performed at approximately 40 days post inoculation. When questioned, the PI states that the chosen euthanasia time was to prevent unnecessary animal discomfort. However, the health records show no indication of illness or clinical signs that would lead to humane euthanasia and the protocol itself does not allow for any potential deviation based on scientific knowledge or experience.

The protocol and any supporting documentation must fully describe and record all proposed animal procedures. Early euthanasia due to reaching humane endpoints is an important consideration in animal welfare, however the current protocol is not written in a manner that supports such decisions.

The IACUC must approve and monitor all procedures on regulated animals to assure adherence to the allowed procedures. Any proposed changes to an ongoing activity must be reported to the IACUC for approval prior to implementing those changes. This protocol involving calves must be amended so that it accurately describes the procedures being followed.

Correct by 14 May 2025

This inspection and exit interview were conducted with a facility representative.

Prepared By: RONALD RICHARDSON

USDA, APHIS, Animal Care

Date:

02-MAY-2025

Title: VETERINARY MEDICAL
OFFICER

Received by Title: Facility Representative

Date:

02-MAY-2025



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Additional Inspectors:

MICHAEL TYGART, VETERINARY MEDICAL OFFICER

Prepared By: RONALD RICHARDSON

USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL
OFFICER

Date:
02-MAY-2025

Received by Title: Facility Representative

Date:
02-MAY-2025



Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
502460	73-R-0121	001	OKLAHOMA STATE UNIVERSITY	01-MAY-2025

Count	Scientific Name	Common Name
000007	<i>Canis familiaris</i>	DOG ADULT
000068	<i>Microtus ochrogaster</i>	PRAIRIE VOLE
000002	<i>Ovis aries aries</i>	SHEEP INCLUDING ALL DOMESTIC BREEDS
000084	<i>Bos taurus</i>	CATTLE / COW / OX / WATUSI
000037	<i>Equus caballus</i>	DOMESTIC HORSE
000198	Total	