

FINAL REPORT OF LABORATORY EXAMINATION

4011 Discovery Drive, Columbia, MO 65201

1-800-669-0825 1-573-499-5700

idx-radil@idexx.com

www.idexxbioresearch.com

IDEXX BioResearch Case # 23223-2015

Received: 9/2/2015

Completed: 9/8/2015

Submitted By

Shayne Barlow
University of South Carolina
Department of Animal Resources
Graduate Sciences Research Center
Columbia, SC 29208

Phone: 803-777-8106
Fax: 803-777-2849
Email: barlows@mailbox.sc.edu

Specimen Description

Species: other
Description: Swabs for Fur Mites
Number of Specimens/Animals: 4
Building/Facility: GSRC

Purchase Order #: 2000001180

Client ID	Addl ID	Investigator	Room #	Strain	Sex
1	GSRC	Barlow	35A	Peromyscus	M
2	GSRC	Barlow	35A	Peromyscus	F
3	GSRC	Barlow	34	Peromyscus	
4	GSRC	Barlow	34	Peromyscus	

Services/Tests Performed: Fur Mite

PCR evaluation for: *Myocoptes*, *Radfordia*/*Myobia*

General Comments: In May, what appeared to be a *Myobia* fur mite and one egg were found on 2 peromyscus from a single room and species. The entire colony was treated with two doses of moxidectin (5 mg/kg), three weeks apart.

Summary: All test results were negative.

PCR EVALUATION

skin swab	1	2	3	4
<i>Myocoptes</i>	-	-	-	-
<i>Radfordia/Myobia</i>	-	-	-	-

Legend: + = positive - = negative id:id = pooled sample range id+id+id = non-range pooled sample NT or blank = no test performed wps = weak positive