

EVALUATION

Rabbit (2):NZW

ACCESSION NUMBER

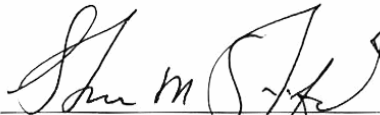
94789

SPONSOR

Millbrook Breeding Farms

STUDIES CONDUCTED

HEAS-120-RAB: Comprehensive Health Assessment - Rabbit
SERO-201-230: Core Panel - Rabbit



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05/27/2010

Date

SUMMARY PAGE

Client:	<u>Millbrook Breeding Farms</u>	Accession No.	<u>94789</u>
Species:	<u>Rabbit (2)</u>	Date Received:	<u>05/12/2010</u>
Group Designation:	<u>NZW</u>	Date Completed:	<u>05/27/2010</u>
Services Performed:	<u>HEAS-120-RAB - Comprehensive Health Assessment - Rabbit SERO-201-230 - Core Panel - Rabbit</u>		

INTRODUCTION

There were 2 adolescent, albino, female rabbits submitted for a Comprehensive Health Assessment. Serum samples were drawn from these rabbits at the time of necropsy for a Core Rabbit Serologic Profile.

RESULTS AND INTERPRETATION

The results of the Comprehensive Health Assessment are summarized in Table 1. Results of the evaluation of serum for the presence of viral antibodies are presented in Table 2. A complete description of all tests is provided in Table 3.

No rabbit pathogens in the viral, mycoplasmal, helminth, protozoan or arthropod groups were isolated or otherwise detected. The colony should be regarded as free of all other primary rabbit pathogens in the test profile and entirely suitable for any research protocol, including chronic studies in barrier facilities.

TABLE 1
DIAGNOSTIC SCREEN RESULTS

Client:	<u>Millbrook Breeding Farms</u>	Accession No.	<u>94789</u>
Species:	<u>Rabbit (2)</u>	Date Received:	<u>05/12/2010</u>
Group Designation:	<u>NZW</u>	Date Completed:	<u>05/27/2010</u>

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- 1) Physical Examination: A group of adolescent, albino, female rabbits with a mean body weight = 1.61 kg were presented for diagnosis. The animals arrived in a filtered shipping carton and were clinically normal in terms of posture and activity. No discharges from the nares, conjunctiva or anus were noted. Euthanasia was conducted in a sterile polycarbonate plastic chamber prior to blood sample collection.
 - 2) Necropsy dissection:
 - NGL
 - NGL
 - 3) Fecal Flotation for Helminth Ova and Coccidia:
 - Negative
 - Negative
 - 4) Fecal culture:
 - No Salmonella, Klebsiella or Citrobacter
 - No Salmonella, Klebsiella or Citrobacter
 - 5) Direct cecum:
 - No Helminths
 - No Helminths
 - 6) Pathogenic Bacteria:
 - None
 - None
 - 7) Bordetella bronchiseptica:
 - Negative
 - Negative
 - 8) Middle ear exam:
 - No exudates
 - No exudates
 - 9) Pelage:
 - No arthropods
 - No arthropods
 - 10) Liver:
 - NML
 - NML
 - 11) Lung:
 - NML
 - NML
 - 12) Kidney:
 - NML
 - NML
 - 13) Ileum:
 - NML
 - NML

TABLE 2
SEROLOGY RESULTS

Client:	<u>Millbrook Breeding Farms</u>	Accession No.:	<u>94789</u>
Species:	<u>Rabbit (2)</u>	Date Received:	<u>05/12/2010</u>
Group Designation:	<u>NZW</u>	Date Completed:	<u>05/27/2010</u>

NOTE: Values and/or findings will be identified with a '*' and footnoted with the Customer ID.

Target Organism	Test Method	Results	Findings
CAR Bacillus (CARB)	ELISA	0/2	
Encephalitozoon cuniculi (ECUN)	ELISA	0/2	
Pasteurella multocida (PMUL)	IFA	0/2	
Treponema cuniculi (TREP)	RPR	0/2	

<u>Client ID</u>	<u>ECUN Delta Values</u>	<u>Client ID</u>	<u>ECUN Delta Values</u>
	0.001		0.025

The Guidelines that follow can be used to assist with interpretation of results. ELISA optical density (O.D.) delta values (the difference in O.D. between the antigen and control wells for each serum) are directly proportional to the level of specific antibodies in the serum. Use the ranges in the table below to interpret the significance of reported results:

Delta values for clinical sera:

- a. high positive: 2.00-2.80
- b. moderate positive: 1.00-1.99
- c. low positive: 0.40-0.99
- d. negative: 0.00-0.39

TABLE 3
TEST PANEL DESCRIPTIONS

COMPREHENSIVE HEALTH ASSESSMENT: The full range of clinical examinations, gross necropsy, microbiologic isolations and histopathology to isolate or otherwise detect the presence of the following microorganisms:

- | | |
|--|--|
| <p>(a) <u>Arthropod ectoparasites</u></p> <p>Psoroptes cuniculi (ear mite),
Cheyletiella parasitovorax,
Listrophorus gibbus</p> | <p>(d) Bacteria</p> <p>Pasteurella multocida,
Pasteurella pneumotropica,
Bordetella bronchiseptica,
Treponema cuniculi,
Clostridium piliformis</p> |
| <p>(b) <u>Helminth endoparasites</u></p> <p>Passalurus ambiguus
Taenia pisiformis</p> | |
| <p>(c) <u>Protozoans</u></p> <p>Eimeria stiedae (hepatic coccidiosis),
Eimeria perforans, Eimeria irresidum,
and others (intestinal coccidiosis),
Encephalitozoon cuniculi</p> | <p>(e) <u>Viruses</u></p> <p>Oral papilloma (wart) virus</p> |

Core Rabbit Serologic Profile: A battery of viral agents whose presence is detected by various tests for antibodies in serum. The presence of the virus in the colony may be inferred by (+) antibody findings.

Rabbit Panel
(SERO-201-230)

Virus Name

CARB	CAR Bacillus
ECUN	Encephalitozoon cuniculi
PMUL	Pasteurella multocida
TREP	Treponema cuniculi