



Health Monitoring Report

Name and address of the breeder: Marshall BioResources, North Rose NY

Date of issue: June 2018 Unit: R1 Collection date: Quarter 2, 2018

Species: *Mustela putorius furo* Breed: Ferret Populated: November 2015

	CUMULATIVE RESULTS	CURRENT TEST RESULTS	HISTORICAL RESULTS*	LAB	METHOD
<u>VIRAL INFECTIONS</u>					
Aleutians	0/86	NE	0/36	Blue Cross ¹	PCR (blood)
Canine Distemper Virus	Vaccinated†	Vaccinated†	NA		
Ferret Coronavirus (Enteric)	36/36	NE	36/36	N/A	PCR
Rabies Virus	Vaccinated†	Vaccinated†	NA		
Rotavirus A	0/86	NE	0/36	MSU ²	PCR (fecal)
<u>Human Influenza (Current Circulating Strains)**</u>					
A/Singapore/Infimh-16-0019/2016	0/30	0/30	NA	MUK ⁷	HAI (blood)
A/Slovenia/2903/2015	0/120	0/30	NA	MUK	HAI (blood)
B/Phuket/3073/2013	0/790	0/30	NA	MUK	HAI (blood)
B/Colorado/06/2017	0/30	0/30	NA	MUK	HAI (blood)
<u>BACTERIAL, MYCOPLASMA AND FUNGAL INFECTIONS</u>					
Bordetella bronchiseptica	0/175	NE	0/125	Cornell ⁴	Culture (nasal/pharyngeal swab)
Campylobacter species	0/211	NE	0/161	Cornell	Culture (rectal swab)
Helicobacter species	0/211	NE	0/161	CRL ⁵	PCR (fecal)
Lawsonia intracellularis	0/211	NE	0/161	CRL	PCR (blood)
Pasteurella multocida	0/175	NE	0/125	Cornell	Culture (pharyngeal swab)
Salmonella species	0/211	NE	0/161	Cornell	Culture (rectal swab)
Staphylococcus aureus	26/175	NE	26/125	Cornell	Culture (rectal swab)
Yersinia enterocolitica	0/175	NE	0/125	Cornell	Culture (rectal swab)
<u>PARASITOLOGICAL INFECTIONS</u>					
Coccidia	0/1511	0/10	0/1411	In house ⁶	Sodium nitrate (fecal)
Dirofilaria immitis	0/50	NE	NA	In house	Snap 4Dx (blood)
Otodectes cynotis	0/825	NE	0/785	In house	Microscopy
Protozoan Parasites:			0/1411		
Cryptosporidium parvum	0/50	NE	NA	Cornell	PCR (fecal)
Giardia	0/100	0/10	NA	In house	Zinc sulfate (fecal)

*Historical Results are those reported before the colony was established at our facilities in New York.

**Previous influenza strains screened with no positive results: A/Switzerland/9715293/2013 (H3N2), A/California/2009 (H1N1) pdm09, A/Hong Kong/4801/2014, A/New Caledonia/71/2014 and B/Brisbane/60/2008.

NA=Not applicable
NE=Not examined

Abbreviations for methods:
HAI: Hemagglutination Inhibition; PCR: Polymerase Chain Reaction

LABS:

- ¹Blue Cross Animal Hospital, Burley Idaho
- ²Diagnostic Center for Population and Animal Health, Michigan State University
- ³Southern Research Institute
- ⁴NYS Animal Health Diagnostic Laboratory, College of Veterinary Medicine, Cornell University
- ⁵Charles River Laboratories
- ⁶Marshall Farms
- ⁷Marshall UK

†Vaccinations:

The vaccination program is administered in accordance with current veterinary practice procedures and is documented accordingly. Product designation, lot number/expiration date, age/frequency of administration and dosage, as applicable, are noted. A description of the current immunization regimen is included in the Routine Vaccination and Treatment Procedures document.

Distemper: Monovalent modified live distemper virus vaccine.
Rabies: Killed rabies virus vaccine.

Bambi Jasmin
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06/14/2018
Date