



BIOR ESOURCES

Health Monitoring Report

Based on FELASA Recommendations

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

APD-SPF

Date of issue: September 2017

Examination date: Aug & Sep 2017

Species: Canine

Breed: Beagle (5-6 months of age)

Populated: Barrier established 2008

	CUMULATIVE RESULTS	CURRENT TEST RESULTS	LABORATORY	METHOD
<u>VIRAL INFECTIONS</u>				
Compulsory Agents:				
Canine Adenovirus type 1	Neg (0/120)	0/10	Cornell ¹	SN
Canine Adenovirus type 2 (pre- 7/2013) ^d	Pos (68/220)		Mich St. ⁴	VN
Canine Adenovirus type 2 (post 7/2013)	Neg (0/560)	0/10	Mich St.	VN
Canine Distemper Virus	Neg (0/162)	0/10	Mich St.	VN
Canine Herpesvirus	Neg (0/270)	0/10	Cornell	SN
Canine Parainfluenza Virus	Neg (0/162)	0/10	Cornell	SN
Canine Parvovirus	Neg (0/162)	0/10	Mich St.	HI
Canine Rabies virus	Neg (0/120)	0/10	Kansas St ⁵	RFFIT
<u>BACTERIAL INFECTIONS</u>				
Compulsory Agents:				
Bordetella bronchiseptica (PCR) ^e	Pos (18/560)	0/10	Cornell	PCR(pharyn/nasal swab)
B. bronchiseptica	Pos (24/76)	24/76	Mich St.	Nasal swab (culture)
Borrelia sp. ^c	Neg (0/230)	0/10	In House	Snap 4Dx ³
Brucella canis	Neg (0/170)	0/10	In House	Card Test ²
Leptospira sp.	Neg (0/120)	0/10	Mich St.	Serology
Salmonella sp.	Neg (0/310)	0/10	Cornell	Rectal swab (culture)
Streptococci, beta-hemolytic Serogroup G ^a	Neg (0/120)	0/10	Cornell	Pharyn swab(culture)
Agents on Request or with Disease:				
Campylobacter sp.	Neg (0/320)	0/10	Cornell	Rectal swab
Ehrlichia sp	Neg (0/160)	0/10	In house	Snap 4Dx ³
Yersinia enterocolitica	Neg (0/320)	0/10	Cornell	Rectal swab (culture)
<u>PARASITOLOGICAL INFECTIONS</u>				
Compulsory Agents:				
All arthropods (Demodex canis)	Neg (0/240)	0/10	In house	Skin scrape
All helminths	Neg (0/377)	0/10	In house	Fecal float ^b
Coccidia	Neg (0/724)	0/10	In house	Fecal float ^b
Giardia sp.	Neg (0/700)	0/10	Cornell	ELISA
Mycoplasma haemocanis	Neg (0/200)	0/10	Cornell	Blood smear
Agents on Request:				
Angiosrongylus vasorum	Neg (0/700)	0/10	In house	Fecal float ^b
Babesia sp.	Neg (0/200)	0/10	Cornell	Blood smear
Cryptosporidium	Neg (0/700)	0/10	Cornell	ELISA
Dipetalonema reconditum	Neg (0/200)	0/10	Cornell	Blood smear
Dirofilaria immitis	Neg (0/160)	0/10	In house	Snap 4Dx ³
Leishmania sp.	Neg (0/200)	0/10	Cornell	Kinetic ELISA

Pos=positive

Neg=negative

The SPF beagle colony is located at the Galen Rd site (G3'G4). It is used for rederivation of beagles to establish and maintain a colony with improved health status relative to the main colony at the Lake Bluff site. The health status improvements include freedom various viral, bacterial, and parasitic pathogens.

The Marshall Farms preventive health program has been in place for many years and continues to evolve. The following describes our program in light of current FELASA guidelines. As a reflection of ISO 9000 certification, all procedures that relate to the beagle health care program are described in written Work Instructions (Standard Operating Procedures). Marshall Farms is a USDA licensed Class A dealer (21 A 0008) and all procedures are in compliance with the federal Animal Welfare Act. Quality Assurance is achieved through ISO approved processes of routine self-inspection as well as requisite ISO and USDA audits.

Animals are observed by animal care technicians on a daily basis. Veterinary support is available 24 hours per day, seven days per week. Standard written protocols exist for all routine husbandry and health care procedures. The health status assessment of the colony is conducted by the attending veterinarian on an ongoing basis. All health data is entered into a computerized database with excellent search and analysis capabilities.

1 NYS Animal Health Diagnostic Laboratory
P.O. Box 5786
College of Veterinary Medicine
Cornell University
Ithaca, N.Y. 14852-5786

2 Canine Brucellosis Antibody Test Kit
D-Tec CB
Synbiotics Corp.
San Diego, CA 92127

3 Canine Heartworm Antigen 4Dx-Anaplasma Phagocytophilum-Borrelia Burgdorferi-Ehrlichia Canis Antibody Test Kit
IDEXX Laboratories
Westbrook, Maine 04092

4 Michigan State University
4125 Beaumont Rd
Lansing, Michigan 48910

5 Kansas State University
1800 Denison Ave.
Manhattan, KS 66506

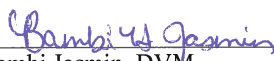
^a Group G streptococci are normal inhabitants of the skin, oropharynx, GI tract and female genital tract of people. They are also the major streptococcal type isolated as commensal flora from the skin and mucosa of dogs. (Ref: Infectious Diseases of the Dog and Cat, Greene, 1990, WB Saunders Co.)

^b Fecal flotation performed at Marshall Farms using sucrose solution.

^c Snap 4Dx testing used now, prior to 2012 serum ELISA test used.

^d Postive CAV-2 (vaccine associated strain) detected by VN in June 2012. The breeding colony was turned over to remove all vaccinated dogs or unvaccinated dogs housed with those that received vaccines. CAV-2 titers were eliminated in the summer of 2014.

^e Postive Bordetella detected by MAT and nasal culture in June 2014, antibiotic treatments were initiated to eradicate. Monthly surveillance continues utilizing PCR with confirmatory nasal cultures as needed. Testing prior to June 2014 was conducted using pharyngeal swabs. Current testing is conducted using PCR on nasal swabs.


Bambi Jasmin, DVM,


Date