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Consent Form for AKC Canine Health Foundation Research Project:

Histocompatibility alleles conferring susceptibility to canine diabetes, immune-mediated thyroiditis and immune-mediated hemolytic anemia

This study evaluates whether any particular histocompatibility gene is associated with susceptibility to three common canine auto-immune diseases. Such susceptibility patterns are common in humans and other mammals. The discovery of such associations in dogs could lead to earlier detection of these diseases, new therapeutic measures and would allow for screening of potential breeders to identify carriers of the predisposing genes.

Owner's Name _____

Address _____

Patient's Name & _____
Date of Birth _____

Breed _____

Is dog purebred? _____

AKC registration # _____
(if registered)

Sex _____

File # _____

I am the owner or the agent for the owner of the animal described above, and I have the authority to execute this consent.

I understand six cheek swabs will be taken from my dog for genetic analysis either by myself or by my veterinarian. This procedure is routine and presents effectively no risk. I further understand that the individual data and medical records will be kept confidential. There will be no costs to the owner.

Owner signature: _____

Date: _____

Instructions for veterinarian: Please record data used to make the diagnosis on this individual dog. For participation in this study the subject must have results for **each** listed test. Please check the appropriate result box for each test. By “positive” we mean positive for the disease state. Where there is a numeric value associated with the test, enter that value in the ‘value’ box.

IMMUNE MEDIATED HEMOLYTIC ANEMIA

All 3 criteria must be positive

	Positive	Negative
Auto Agglutination of RBC		
Direct Coomb's Test		
Spherocytosis of RBC		

IMMUNE-MEDIATED THYROIDITIS

Both criteria must be positive

Low Total/Free T4 by ED – positive is LOW value <11pmol/L (normal is 11-43pmol/L)

	Positive	Negative	Value
Low Total/Free T4 by ED			
Thyroglobulin auto-antibodies			

DIABETES

Fasting Blood Glucose – positive is high value

Normal = 70-120ug/ml, 110-120 is considered borderline, >120 = disease (positive)

	Positive	Negative	Value
Fasting Blood Glucose			

Age at positive diagnosis _____

Comments/Pertinent Medical History:

Has complete diagnostic criteria been met? **Y** **N**

Veterinarian Signature _____