



## **Samoyed Club of America Education & Research Foundation, Inc.**

Dear Doctor,

The SCA Foundation has funded and approved the participation of Samoyeds in the AKC/Canine Health Foundation Grant #305: Histocompatibility Alleles Conferring Susceptibility to Canine diabetes, Immune-Mediated Thyroiditis and Immune-Mediated Hemolytic Anemia. Principal Investigator: Dr. Wayne Potts, University of Utah

This owner has chosen to participate in this study.

**If this Samoyed is a potential candidate and meets the participation criteria, please fill out the consent form that the owner has provided for you.**

It should be returned to:

Wayne Potts Canine Health Study  
Department of Biology University of Utah  
257 South 1400 East  
Salt Lake City, Utah 84112

### **PARTICIPATION CRITERIA**

The Samoyed must be purebred and have a positive diagnosis for **one** of the following diseases:

#### **Immune mediated hemolytic anemia:**

The Samoyed must test positive for the disease for **EACH** of the following three tests:

- **Auto Agglutination of RBC**
- **Direct Coomb's Test**
- **Spherocytosis of RBC**

#### **Immune mediated thyroiditis:**

The Samoyed must be positive for the disease state for **BOTH** tests.

- **Low Total/Free T4 by ED; positive result is indicated by a LOW value**
- **Thyroglobulin auto-antibodies**

It is possible that the Samoyed has been diagnosed with thyroiditis without having been tested for thyroglobulin auto-antibodies. The presence of thyroglobulin auto-antibodies is the definitive test for immune mediated thyroiditis. Because this disease can have multiple causes, for the purposes of this study we can only accept participants that have tested positive for thyroglobulin auto-antibodies; indicating that the disease is immune mediated.

**Diabetes:**

The Samoyed should have a high fasting blood sugar. The normal range for this test is 70-120ug/ml, values of 110 – 120 are considered borderline. To participate in this study your dog must have a fasting blood sugar measurement in excess of 120ug/ml.

The investigator will review the consent form, and if this Samoyed is deemed qualified for participation in this study, the owner will be sent a home DNA sample collection kit.

If you wish to review the complete information on grant # 305, please do so at <http://www.samoyedhealthfoundation.org/research/current-research-studies> as this site is frequently updated.

We are very grateful for your assistance and willingness to help our owner participate in this study.

Sincerely,

Amelia Price, President