



COLLEGE OF VETERINARY MEDICINE  
PATHOBIOLOGY

June 10, 2015

Pleasant Valley Animal Hospital  
1945 State Road  
Quakertown, Pennsylvania 18951

Dear Dr. Nicole Uranko:

The following PCR test results are for GCH Kismet Captain Avery's Toby, a male Greater Swiss Mountain Dog born on May 17, 2012 and owned by Wayne and Janie Hecker.

**GCH Kismet Captain Avery's Toby – CLEAR**  
**AKC#: WS41021002**

**CLEAR** – The gene defect described as causing the platelet P2Y12 ADP receptor disorder in Greater Swiss Mountain Dogs is not present.

**CARRIER** – The gene defect described as causing the platelet P2Y12 ADP receptor disorder in Greater Swiss Mountain Dogs is present on one gene and absent on the other.

**AFFECTED** – The gene defect described as causing the platelet P2Y12 ADP receptor disorder in Greater Swiss Mountain Dogs is present on both genes.

**MUTATION DESCRIPTION** – Greater Swiss Mountain dogs have an inherited platelet disorder caused by a three nucleotide deletion in the gene encoding P2Y12. P2Y12 is an ADP receptor important for normal platelet reactivity. This deletion results in the elimination of an amino acid within the extracellular binding domain of the receptor.

Sincerely,

Mary K. Boudreaux, DVM, PhD

166 GREENE HALL  
AUBURN, AL 36849-5519

TELEPHONE:

334-844-4539

FAX:

334-844-2652