



**DMS TEST REPORT**

**Owner: Peeters Reinilde**  
**Belgium**

**OG#: 20-514      Test Completed: 11/2/2020**

**TEST RESULT: LOW RISK**

**Call Name: Jagger**  
**Breed: Rough Collie**  
**Registered Name: Wicani White Tie and Tails**  
**Registered Number: KCREG. AS 00675801**  
**ID Number: 958000010231099**  
**Birthdate: 1/9/2015      Sex: m**

Dear Peeters,

We have tested your Rough Collie, **Jagger**, for Dermatomyositis (DMS), an autoimmune disease of the skin and muscle that is routinely diagnosed in your breed, and **Jagger has been found to be at LOW RISK for this disease.**

**LOCI: Aabb 002:01/002:01**

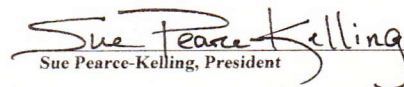
**Test Result:** Risk for developing DMS is LOW (less than 6%). The risk assessment is based on the combination genotypes for three independent loci: Locus A, Locus B and DLA-DRB1.

**Recommendations for Breeding:** It is recommended that breeding pairs be selected based on the genotypes at Locus A and B. Ideally, matings that could produce puppies with high risk genotypes (AABB, AABb, AaBB) should be avoided.

For determining possible genotypes that might result from a particular breeding, you may refer to the DMS Genotype Calculator from the ASSA website:  
<http://americanshetlandsheepdogassociation.org/dermatomyositis/>

For further information, please consult the OptiGen website at [www.optigen.com](http://www.optigen.com)

November 2, 2020  
Date of Report

  
Sue Pearce-Kelling, President