



---

**DMS TEST REPORT**

**Owner: Valentine Orgeron**

**OG#: 20-287**

**Test Completed: 7/8/2020**

**TEST RESULT: LOW RISK**

**Call Name: Alasdair**  
**Breed: Rough Collie**  
**Registered Name: Romany's Alasdair**  
**Registered Number: DN53500206**  
**ID Number: N/A**  
**Birthdate: 4/30/2018      Sex: m**

Dear Valentine,

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

**LOCI: aabb 002:01/002:01**

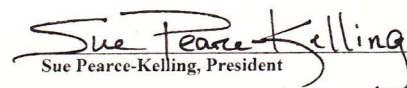
**Test Result:** Risk for developing DMS is LOW (less than 6%). The risk assessment is based on the combination genotypes for three independent loci: Locus A, Locus B and DLA-DRB1.

**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)

July 8, 2020  
Date of Report

  
Sue Pearce-Kelling, President