

Orthopedic Foundation for Animals
Hip Dysplasia Evaluation Report



A Not-for-Profit
Organization

ROAN: GOD'S AMAZING LOVE!
registered name

WS67156104
registration no.

ALASKAN MALAMUTE
breed

M
sex

film/test/lab #

01/14/2020
date of birth

956000007693588
tattoo/microchip/DNA profile

11
age at evaluation in months

2237299
application number

04/21/2021
date of report

Owner

[REDACTED]

Veterinarian

SCHULTZ VETERINARY CLINIC
2770 BENNETT RD
OKEMOS MI 48864

Preliminary Hip Dysplasia Evaluation Report

EXCELLENT HIP JOINT CONFORMATION
superior hip joint conformation as compared with other individuals of the same breed and age

BORDERLINE HIP JOINT CONFORMATION
marginal hip joint conformation of indeterminate status with respect to hip dysplasia at this time -- Repeat study in six months

GOOD HIP JOINT CONFORMATION
well formed hip joint conformation as compared with other individuals of the same breed and age

MILD HIP DYSPLASIA
radiographic evidence of minor dysplastic changes of the hip joints

FAIR HIP JOINT CONFORMATION
minor irregularities of the hip joint conformation as compared with other individuals of the same breed and age

MODERATE HIP DYSPLASIA
well defined radiographic evidence of dysplastic changes of the hip joints

SEVERE HIP DYSPLASIA
radiographic evidence of marked dysplastic changes of the hip joints

RADIOGRAPHIC FINDINGS

- subluxation
- remodeling of femoral head/neck
- osteoarthritis/degenerative joint disease
- shallow acetabula
- acetabular rim/edge change

- unilateral pathology left right
- transitional vertebra
- spondylosis
- panosteitis

G.G. KELLER, DVM, MS, DACVR
CHIEF OF VETERINARY SERVICES

Orthopedic Foundation for Animals
Elbow Dysplasia Evaluation Report



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Preliminary Elbow Dysplasia Evaluation Report

ELBOW JOINTS -- FLEXED LATERAL VIEW

 √ negative for elbow dysplasia L √ R √

ELBOW DYSPLASIA

GRADE I L _____ R _____
GRADE II L _____ R _____
GRADE III L _____ R _____

RADIOGRAPHIC FINDINGS

degenerative joint disease (DJD) L _____ R _____
united anconeal process (UAP) L _____ R _____
fragmented coronoid process (FCP) L _____ R _____
osteochondrosis L _____ R _____

G.G. Keller, DVM
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Dog Information

Roan NAME	Male SEX
Alaskan Malamute BREED ANCESTRY	January 16th, 2020 DATE OF BIRTH
American Kennel Club (AKC) REGISTRATION	n/a MICROCHIP

Marie Kool
OWNER NAME

Canine Genetic Health Screen
TEST

July 20th, 2022
TEST DATE

BREED HEALTH TESTS

DISEASE	GENE	GENOTYPE	RESULT	TESTING RECOMMENDED BY
Alaskan Malamute Polyneuropathy, AMPN	NDRG1	GG	Clear	
Day Blindness, Cone Degeneration, Achromatopsia	CNGB3	NN	Clear	
Degenerative Myelopathy, DM	SOD1(A)	GG	Clear	
Factor VII Deficiency	F7 Exon 5	GG	Clear	
Primary Ciliary Dyskinesia, PCD	NME5	NN	Clear	

OWNER'S NAME: Marie Kool

DOG'S NAME: Roan

TEST DATE: July 20th, 2022

OWNER SUPPLIED BREED: Alaskan Malamute

REGISTRATION ORGANIZATION: American Kennel
Club (AKC)

REGISTRATION NUMBER: --

This certifies the authenticity of **Roan's** canine genetic background as determined following careful analysis of more than 200,000 genetic markers.

Welcome to the
Embark family!

MATERNAL **A41**
HAPLOTYPE

PATERNAL **H5a**
HAPLOTYPE

ALASKAN MALAMUTE



100.0% Alaskan Malamute

Purebred certification is separate from genetic ancestry. Purebred status is defined by pedigrees at registration bodies. Ancestry looks at segments of shared DNA.



Adam Boyko, Ph.D.
CHIEF SCIENCE OFFICER



Ryan Boyko
CHIEF EXECUTIVE OFFICER