

# ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

OKURA: 2 CHRONICLES 7:14  
*registered name*

ALASKAN MALAMUTE  
*breed*

*film/test/lab #*

956000012346854  
*tattoo/microchip/DNA profile*

2447746  
*application number*

04/13/2023  
*date of report*

**RESULTS:**

Based upon the radiograph submitted, the consensus was that no evidence of hip dysplasia was recognized. The hip joint conformation was evaluated as:

WS79880705  
*registration no.*

F  
*sex*

03/06/2021  
*date of birth*

24  
*age at evaluation in months*



A Not-For-Profit Organization

AM-14883E24F-C-VPI  
*O.F.A. NUMBER*

*This number issued with the right to correct or  
revoke by the Orthopedic Foundation for Animals.*

EXCELLENT

owner MARIE KOOL



OFA eCert



Verify QR scan

G.G.KELLER, D.V.M., M.S., DACVR  
CHIEF OF VETERINARY SERVICES

[www.ofa.org](http://www.ofa.org)

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OKURA: 2 CHRONICLES 7:14  
*registered name*

ALASKAN MALAMUTE  
*breed*

*film/test/lab #*

956000012346854  
*tattoo/microchip/DNA profile*

2447746  
*application number*

04/13/2023  
*date of report*

**RESULTS:**

Based upon the radiograph submitted, the consensus was that no evidence of elbow dysplasia was recognized.

owner  
MARIE KOOL



WS79880705  
*registration no.*

F  
*sex*

03/06/2021  
*date of birth*

24  
*age at evaluation in months*



A Not-For-Profit Organization

AM-EL1661F24-C-VPI  
*O.F.A. NUMBER*

*This number issued with the right to correct or  
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NORMAL

OFA eCert



Verify QR scan

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# ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

OKURA: 2 CHRONICLES 7:14  
*registered name*

ALASKAN MALAMUTE  
*breed*

*film/test/lab #*

956000012346854  
*tattoo/microchip/DNA profile*

2447746  
*application number*

04/10/2023  
*date of report*

**RESULTS:**

Normal cardiovascular examination via auscultation - No evidence of congenital or acquired heart disease was noted. Since acquired heart disease may develop later, these evaluation results remain valid for one year, and annual examinations are recommended to continue to monitor cardiac health.

WS79880705  
*registration no.*

F  
*sex*

03/06/2021  
*date of birth*

24  
*age at evaluation in months*



A Not-For-Profit Organization

AM-BCA56/24F/P-VPI  
O.F.A. NUMBER

*This number issued with the right to correct or  
revoke by the Orthopedic Foundation for Animals.*

NORMAL/CLEAR - PRACTITIONER

owner

MARIE KOOL



OFA eCert



Verify QR scan

G.G.KELLER, D.V.M., M.S., DACVR  
CHIEF OF VETERINARY SERVICES

# DNA Test Report

## Dog Information






<b>Okura</b> NAME	<b>Female</b> SEX
<b>Alaskan Malamute</b> BREED ANCESTRY	<b>March 6th, 2021</b> DATE OF BIRTH
<b>American Kennel Club (AKC)</b> REGISTRATION	<b>n/a</b> MICROCHIP

**Marie Kool**  
OWNER NAME

**Canine Genetic Health Screen**  
TEST

**March 4th, 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	



# Certificate of Breed

OWNER'S NAME: Marie Kool

DOG'S NAME: Okura

TEST DATE: March 4th, 2022

OWNER SUPPLIED BREED: Alaskan Malamute

REGISTRATION ORGANIZATION: American Kennel  
Club (AKC)

REGISTRATION NUMBER: --

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

Welcome to the  
**Embark** family!

MATERNAL **A91/11**  
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