



CERTIFICATE OF RESULTS

OWNER'S NAME: ADA M. KAUFMAN
PET'S NAME**: HIGH COUNTRY KRISTY

PET'S REGISTRATION #: WS48160305
PET'S BREED: BERNESE MOUNTAIN DOG
TEST: DEGENERATIVE MYELOPATHY (DM)
DATE: 4/17/2017

Explanation of Results:

<u>SCORE</u>	<u>RECESSIVE</u>	<u>DOMINANT</u>
A	Clear/Normal	Clear/Normal
B	Carrier/Not Affected	Carrier/Affected
C	At Risk/Affected	At Risk/Affected

TEST SCORE*:

B

SAMPLE ID #:

57931

For detailed result explanation
please visit our website:

www.GenSolDx.com

*All samples submitted to GenSol become the property of GenSol and may be used for internal quality control and/or research purposes. Test results provide information concerning a pet's DNA sequence and are not an indication or guarantee of pet's disease state or condition. Test results alone should not be used to diagnosis, treat or prevent disease.

**GenSol warrants its test results to be accurate for the sample obtained from the above dog. In the event of a valid claim, owner's sole remedy is a refund of the fee paid. IN NO EVENT SHALL GEN SOL BE LIABLE FOR INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES OF ANY KIND. Any claim must be asserted within one year of the report of test results.

**Please consult a licensed veterinarian
to discuss the implications of the above test results.**

125 North Main Street Unit 1846, Clayton, GA 30525

(407) 530-3788 - info@Gensoldx.com

WWW.GENSOLDX.COM

AMERICAN KENNEL CLUB

NAME

HIGH COUNTRY KRISTY

NUMBER

WS48160305

BREED

BERNESE MOUNTAIN DOG

SEX

FEMALE

COLOR

BLACK RUST & WHITE

DATE OF BIRTH

AUGUST 10, 2014

SIRE

GCH CH SNOWBIZ'S BLACKMOUNTAIN BERNER SCHULTZ ~ WS39106804 01-13
OFA25G OFEL25 AKC DNA #V670308

DAM

HEMINGWAYH KATIE LOU
WS35508001 05-12

BREEDER

ADA M KAUFMAN

OWNER

ADA M KAUFMAN
180 GREAT TWINS RD
LIVERMORE CO 80536-8937



AMERICAN
KENNEL CLUB®

CERTIFICATE ISSUED
MARCH 16, 2015

This certificate invalidates all previous certificates issued.

If a date appears after the name and number of the
sire and dam, it indicates the issue of the Stud Book
Register in which the sire or dam is published.

For Transfer Instructions, see back of Certificate.

*This Certificate issued with the right to correct or
revoke by the American Kennel Club.*

REGISTRATION CERTIFICATE

AMERICAN KENNEL CLUB · FOUNDED 1884

Certified Pedigree

Sire

**GCH CH SNOWBIZ'S
BLACKMOUNTAIN BERNER SCHULTZ**
WS39106804 (01-13) OFA25G OFEL25 BLK
RST & WH AKC DNA #V670308

HIGH COUNTRY KRISTY

WS48160305
BERNESE MOUNTAIN DOG FEMALE BLK RST & WH
Date Whelped: 08/10/2014
Breeder: ADA M KAUFMAN

Dam

HEMINGWAYH KATIE LOU
WS35508001 (05-12) BLK RST & WH



AMERICAN
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HIGHLANDER VAN'T PACHTHOF
WS31386801 (02-10) BLK RST & WH
(BEL) AKC DNA #V592867

GENEVA VAN 'T STOKERYBOS
WS26164302 (11-09) BLK RST & WH
(BEL) AKC DNA #V548509

HEMINGWAYH VAN 'T PACHTHOF
WS30593101 (03-10) BLK TN & WH (BEL)
AKC DNA #V586333

KATIE LOU VALENTINE
WS09425301 (04-06) OFA29G BLK RST &
WH

ELCORDOBES VAN'T PACHTHOF
LOSH 0977408

ATINA VAN'T PACHTHOF
LOSH 0890896

CAMIEL VAN 'T STOKERYBOS
LOSH 0938985

BONET VAN'T STOKERYBOS
LOSH 0921018

BATCH SANTY BAZALTIN
CMKU 2552/01

BERNICE VAN 'T BEERTJES HOF
UCS 0903118

BRUTUS BOAZ ELOHIM
WR07691502 (11-04) OFA40G BLK RST & WH
AKC DNA #V361587

ELLANORHA MAY VALENTINE
WS04293105 (11-04) BLK TN & WH

BATCH SANTY BAZALTIN
CMKU 2552/01

BAMBI VAN'T PACHTHOF
LOSH 0919888

TAWAJAH'S UNAK
LOSH 0776840

XHARON VAN'T PACHTHOF
LOSH 08259841

KWANITA BOSLEY
DKK 06637/2001

ANNABEL VAN'T STOKERYBOS
LOSH 0884725

FERRIS VON DER HOLDERSTOCKHOE
SSZ BS 574919

YASMYN VAN'T STOKERYBOS
LOSH 0861059

WEKERLEI-NAGYMEDVE JOKER
MET BSH.8539/96

EMA Z GEMERSKEJ POLOMY
CMKU BSP/1159/97/97

XONEL VAN'T PACHTHOF
LOSH 0835580

XIBELLE V. 'T BEERTJES HOF
LOSH 0832479

DUCK'S CHARLES BUCHANAN
WP97522303 (06-01) BLK RST & WH

DUCK'S MT. ECHO'S SAHSHA
WP96398501 (06-01) BLK TN & WH

PARKER VALENTINE
WS00311704 (05-03) BLK RST & WH AKC DNA
#V283479

HEIDI JO
WR02865803 (11-02) OFA26F BLK RST & WH

Jane P. Crowley
Executive Secretary

The Seal of The American Kennel Club affixed hereto certifies that this pedigree was compiled from official Stud Book records on March 16, 2015.

Referring Veterinarian:
 DR. GREG BURNS
 SOUTH MESA VETERINARY HOSPITAL
 3801 S MASON STREET
 FORT COLLINS, CO 80525
 UNITED STATES

 Patient ID: 56935
 Radiography Date: 15 Dec 2015

 Owner/Responsible Person:
 ADA KAUFMAN

Patient:	
Patient Name: KRISTY	Species: CANINE
Reg. Name:	Breed: BERNESE MOUNTAIN DOG
Reg. #:	Date of Birth: 7 Aug 2014 Age: 16 mo.
Microchip: 020775365	Gender: F Weight: 92 lbs.
Tattoo:	

RESULTS			
LEFT	Distraction Index (DI)	0.24	DI is less than or equal to 0.30, with no radiographic evidence of OA.
	Osteoarthritis (OA)	None	
	Cavitation	No	
	Other Findings	Not Applicable	
RIGHT	Distraction Index (DI)	0.34	DI is greater than 0.30 with no radiographic evidence of OA. There is an increasing risk of developing OA as the DI increases; low risk when DI is close to 0.30, high risk when DI is close to 0.70 or above.
	Osteoarthritis (OA)	None	
	Cavitation	No	
	Other Findings	Not Applicable	

Please note that the PennHIP DI is a measure of hip joint laxity, it does not allude to a "passing" or "failing" hip score.

LAXITY PROFILE RANKING																			
The laxity profile ranking is based on the hip with the greater laxity (DI). This interpretation is based on a cross-section of 2,153 CANINE animals of the BERNESE MOUNTAIN DOG breed. The median DI for this group is 0.52.																			
<div style="text-align: center;">Percentiles</div> <div style="display: flex; justify-content: space-around;"> 90th 80th 70th 60th 50th 40th 30th 20th 10th </div> <table border="1" style="width: 100%; text-align: center;"> <tr> <td>> 90th</td> <td></td> <td></td> <td></td> <td>Median</td> <td></td> <td></td> <td></td> <td></td> <td>< 10th</td> </tr> </table> <div style="text-align: center; margin-top: 10px;">↑</div>										> 90th				Median					< 10th
> 90th				Median					< 10th										
The chart above indicates the ranking of your animal's passive hip laxity (DI) in relation to all CANINE animals of the BERNESE MOUNTAIN DOG breed in our database. This result means that 1) your animal's hips are tighter than approximately 90% of this group of animals (alternatively, 10% of the group has tighter hips than your animal), and 2) your animal's hip laxity is in the tighter half of the laxity profile. Breed-specific evaluations are analyzed semi-annually. Consequently, the average laxity and range of laxity for any given group will change over time.																			

PennHIP does not make specific breeding recommendations. Selection of sire and dam for mating is the decision of the breeder.

NOTE: As a minimum breeding criterion, we propose that breeding stock be selected from the population of animals having hip laxity in the tighter half of the breed (to the left of the median mark on the graph). Higher selection pressure equates to more rapid expected genetic change per generation.

By implementing selection based on passive hip laxity, we expect the breed average DI over the years to move toward tighter hip configuration, meaning lower hip dysplasia susceptibility. The PennHIP database permits scientific adjustment of criteria to reflect these shifts; the average laxity and range of laxity for a particular breed will change over time.

VetGen DNA Analysis Report

3278 Plaza Drive Suite One Ann Arbor MI 48108 USA
vetgen@vetgen.com 800-483-8436 US & Canada

Vetgen ID	25441		
Animal Name	High Country Kristy		
Registration	WS48160305		
Breed	Bernese Mountain Dog	Gender	F
		Date of Birth	8/10/2014
Color-Coat	Not Provided	Nose	Not Provided

Ada Kaufman
180 Great Twins Road
Livermore, CO 80536
USA

DISEASE TEST RESULTS

<u>Report Number</u>	<u>Report Date</u>	<u>Test</u>	<u>Results</u>
110956	1/20/2016	DM-SOD1-B	Clear-not carrying the mutation
114221	12/23/2015	Type I von Willebrand's Disease	Clear

This DNA testing is for the mutation typically found to cause the disease in this breed.

Date 01/20/2016

Findings reviewed and approved by:

George J. Brewer

Dr. George J. Brewer

Within twenty (20) calendar days after receipt of these test results, Customer must notify VetGen in writing of any nonconformity of the testing services, describing the nonconformity in detail, otherwise all testing services and data shall be deemed as accepted by Customer without qualification. Customer's sole and exclusive remedy under VetGen's limited warranty shall be to re-perform the testing at no cost and/or to provide Customer with a full refund for the purchase price of the test. The entire VetGen, LLC Terms and Conditions may be viewed online at <http://www.vetgen.com/about-business.html>.