

AMERICAN KENNEL CLUB

NAME

PHBC MONTY

BREED

BORDER COLLIE

COLOR

BLUE MERLE

SIRE

BLAZZIN OZ RED

ABCA 348955

DAM

PEARL

ABCA 395812

BREEDER

JENNIFER NEITZKE

OWNER

LOGAN FRAKER & ASHLEY FRAKER

FORT LITTLETON PA 17223-9603

NUMBER

SEX

MALE

DATE OF BIRTH

AUGUST 2, 2015



AMERICAN
KENNEL CLUB®

CERTIFICATE ISSUED

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



Canine Genetic Health CertificateTM

Call Name: Mantis
Registered Name: -
Breed: Border Collie
Sex: Male
DOB: Aug. 2015

Laboratory #: 15293
Registration #: -
Certificate Date: Sept. 16, 2015

This canine's DNA showed the following genotype(s):

Disease	Gene	Genotype	Interpretation
Collie eye anomaly	<i>NHEJ1</i>	WT/WT	Normal
Degenerative myelopathy	<i>SOD1</i>	WT/WT	Normal
Intestinal cobalamin malabsorption (Border Collie type)	<i>CUBN</i>	WT/WT	Normal
Multidrug resistance 1	<i>ABCB1</i>	WT/WT	Normal
Neuronal ceroid lipofuscinosis 5	<i>CLN5</i>	WT/WT	Normal
Trapped neutrophil syndrome	<i>VPS13B</i>	WT/WT	Normal

WT, wild type (normal); M, mutant

Paw Print GeneticsTM performed the tests listed on this dog. See the Laboratory Report for interpretation and recommendations based on these findings. The genes/diseases reported here were selected by the client. Normal results do not exclude inherited mutations not tested in these or other genes that may cause medical problems or may be passed on to offspring. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the tests' accuracy and precision. Because all tests performed are DNA-based, rare genomic variations may interfere with the performance of some tests producing false results. If you think these results are in error, please contact the laboratory immediately for further evaluation. Genetic counseling is available at Paw Print Genetics.

Blake C Ballif, PhD
Laboratory & Scientific Director

Christina J Ramirez, PhD, DVM, DACVP
Medical Director