



CANINE BREED COMPOSITION DNA ANALYSIS CERTIFICATE



MANDO

HSWC

DNA MY DOG

Certified breed analysis
and genetic makeup
for Mando

Lab Ref# FJL2372

Pat Young
LABORATORY DIRECTOR

July 22, 2021
DATE OF ANALYSIS

LEVEL 2
SHETLAND SHEEPDOG

LEVEL 4
SIBERIAN HUSKY

LEVEL 4
GERMAN SHEPHERD
DOG

LEVEL 5
BULLDOG





CANINE BREED DETERMINATION

YOUR DOG'S UNIQUE DNA



MANDO

level

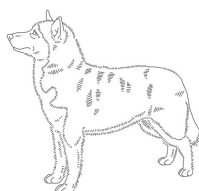
2



Shetland Sheepdog

level

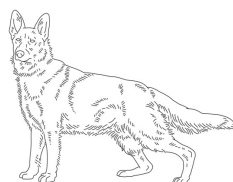
4



Siberian Husky

level

4



German Shepherd Dog

level

5



Bulldog

level

2



Shetland Sheepdog

40% - 60%

Affectionate and responsive to their owners, the Shetland Sheepdog are intensely loyal and make excellent companion dogs. One of the smartest breeds, they are willing to learn and want to obey and please their owners.

Shetland Sheepdogs, or Shelties, were bred to be a farmer's best friend - alerting them if someone was on the property, keeping birds and other animals away by barking, and herding sheep. These extremely smart dogs are great family pets but can be a little shy around strangers. They tend to display persistent barking but their protective nature makes them good watchdogs.

Their intelligence shines when performing dog sports, especially agility, flyball, and tracking. Shelties are, in fact, too smart for their own good. They are always in need of a job to avoid becoming bored and destructive. Because of their herding instinct, they love to chase squirrels, rabbits, and even children. Early training can discourage this habit, which can lead to biting.

Shetland Sheepdogs are, surprisingly, okay with being alone for long periods of time - as long as they receive enough attention while you are home.

+ Major Health Concerns

The Shetland Sheepdog has a tendency toward inherited eye diseases and malformations, such as cataracts and [Progressive Retinal Atrophy](#) (PRA). They may suffer from hypothyroidism and [epilepsy](#).

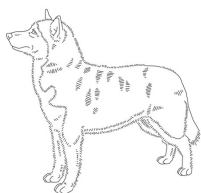
— Interesting Facts

The Shetland Sheepdog comes in a variety of colors including sable/white, tri-color, and blue merle.

| Average Weight: | Average Height: | Average Life Expectancy: | Breed Group: |
|-----------------|-----------------|--------------------------|---------------|
| 15-25 pounds | 13-16 inches | 12-14 years | Herding Group |

level

4



Siberian Husky

10% - 25%

The Siberian Husky is hardy and fierce, yet gentle and friendly. They are cheerful and willful, and always a puppy at heart. They are devoted to their owner, yet do not display possessive tendencies as do some guard dogs. Siberian Huskies were originally bred as sled dogs. They are prideful dogs who are also intelligent and independent. Because of their affectionate nature, they do well in a multi-dog household as well as a home with children.

While a willing worker, they have a mind of their own, and may take advantage if allowed. Huskies can be quite stubborn. They are not extremely eager to please people so training can be quite difficult. Obedience training is definitely recommended but Huskies have a strange tendency to know the difference between class and home - acting perfectly obedient at class then conveniently forgetting everything they learned at home.

Siberian Huskies are well-known escape artists. They will wander off every chance they get so a securely enclosed yard - a high fence that is buried several feet in the ground - is necessary for a Husky. Huskies are not big barkers, but they do enjoy howling - which makes them unstable watchdogs. They do not like to be left alone, which may lead them to destroy their surroundings.

+ Major Health Concerns

As a breed, the Siberian Husky has very few health problems. They may suffer from [cataracts](#) or corneal abnormalities. They are also prone to [hip dysplasia](#).

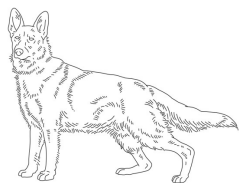
— Interesting Facts

The most common coats in Husky's are black and white but they also come in copper-red and white, gray and white, pure white. They have a wolf-like appearance.

| Average Weight: | Average Height: | Average Life Expectancy: | Breed Group: |
|-----------------|-----------------|--------------------------|---------------|
| 35-60 pounds | 20-23.5 inches | 12-14 years | Working Group |

level

4



German Shepherd Dog

10% - 25%

The German Shepherd Dog is intelligent and eager to please. They are devoted and fearless. They have a high learning ability and are extremely responsive to training.

One of the most popular dog breeds, the German Shepherd gained its stardom during World War I when Corporal Lee Duncan brought a puppy back to Los Angeles, France, trained him, and turned him into Rin Tin Tin - one of the most famous dogs in show business.

In addition to celebrity, the German Shepherd holds many other jobs including guide dog, detectors of narcotics and bombs, search and rescue dogs, and therapy dogs due to their immense intelligence and strong work ethic. The German Shepherd also excels in many dog activities including schutzhund, tracking, obedience, agility, flyball, and ring sport.

If German Shepherds become bored or frustrated, they'll take it out on your home by chewing or barking excessively. They require plenty of exercise to keep their boredom at bay. German Shepherds are extremely loyal and protective of their families, and suspicious of strangers, especially in the company of their masters.

If not properly socialized at an early age, they can be unruly due to a lack of self-confidence. Through socialization and obedience training, though, they make amazing family dogs.

+ Major Health Concerns

The German Shepherd Dog is prone to [hip and elbow dysplasia](#). They may also suffer from [aortic Stenosis](#), an abnormal narrowing of the aortic valve, which may impede the flow of blood to the arteries. They may also have chronic eczema and flea allergies.

— Interesting Facts

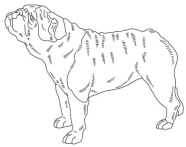
German Shepherd Dogs come in a variety of colors including white, black, liver and blue.

They are one of the most popular dog breeds in the world.

| Average Weight: | Average Height: | Average Life Expectancy: | Breed Group: |
|-----------------|-----------------|--------------------------|---------------|
| 50-90 pounds | 22-26 inches | 8-12 years | Herding Group |

level

5



Bulldog

1% - 9%

The Bulldog is kind and resolute. They are courageous, but not vicious or aggressive. Bulldogs are generally docile and tractable. With their dignified manner, they are among the most gentle of dogs.

Bulldogs were bred to drive cattle to the market as well as compete in a long-gone sport known as "bullbaiting". Today, Bulldogs are gentle creatures. They love to be around people. They don't require much exercise - they prefer to lounge around all day. And while they love children, they don't like to play much.

Bulldogs can be lazy and stubborn, so training can be a bit difficult. Sometimes they don't even like to go on walks! They are also known for their snoring and snorting while sleeping. They are definitely house dogs, too, preferring to hang out inside rather than outside.

They are kind and affectionate but can be courageous and stubborn. They can be very persistent, especially in seeking out attention. They have a calm personality and absolutely love people. They can be protective of their family and would like nothing more than to be around their owners at all times.

+ Major Health Concerns

Bulldogs may suffer from allergies and breathing problems. They often have poor eyesight. They are susceptible to extremes in temperature, and should be monitored closely. Their digestive systems are very active, which may result in flatulence. They are also prone to joint problems.

— Interesting Facts

Bulldog is the name for a breed of dog commonly referred to as the English Bulldog. Other Bulldog breeds include the American Bulldog, Olde English Bulldogge and the French Bulldog. The type of Bulldog represented in this test may be either the English or American Bulldog.

| Average Weight: | Average Height: | Average Life Expectancy: | Breed Group: |
|-----------------|-----------------|--------------------------|--------------------|
| 40-120 pounds | 14-28 inches | 8-15 years | Non-Sporting Group |

The DNA MY DOG Canine Breed Determination Test is designed for the sole purpose of identifying breeds found in the genetic composition of dogs.

We cannot determine whether or not a dog is purebred; we can merely identify DNA that matches the validated breeds that make up our database.

Your analysis has been compiled based on the results obtained from your DNA sample submission, and has been processed with a reasonable amount of certainty. It is possible that there have been some random changes within your dog's DNA which may have affected the results. Our testing procedures and database are designed to recognize that this may happen and minimize any effect. It is understood that no analytical test is 100% accurate. DNA MY DOG is not responsible for any inferences made about any individual dog based upon the provided information.

Our test is based upon our database of recognized breeds. If your dog contains other breeds, not in our database, it may give rise to the identification of breeds earlier in your pet's history and may therefore provide a seemingly unlikely result for your dog.

It is important to understand that each dog is uniquely individual. Two dogs with the same breeds detected in their DNA may exhibit drastically different physical traits. In terms of behavior and personality, while certain traits may generally be associated with specific breeds, behavior will also be influenced by environment, training and handling.

The enclosed behavior, health and personality summary is for informational purposes only, and is based on information publicly available on purebred dogs. This information is not intended to predict disease or behavior, but is intended solely as a guide to traits often found in the breeds identified in your dog. These traits may or may not be found in your individual dog.

[What your dog's breed composition means](#)

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