Animal Genetics

Generated on: 10/23/2025

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report
Maggie May Dukes

Submitted By

Staci Dukes

[redacted]
Canton, GA 30114
USA

Owned By

Staci Dukes

PRIVATE INFORMATION
Canton, GA 30114
USA

Subject Dog

Name: Maggie May Dukes
Breed: Labrador Retriever
Phenotype: Yellow
Sex: Female
Birth: 05/06/2024

Lab Reference #: 919429
Sample Date: 10/20/2025
Research Date: 10/20/2025
American Kennel Club: ss47976005

Animal Genetics

Generated on: 10/23/2025

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Maggie May Dukes

Disorder Results(14 of 24)		
CM	**n/n**	Clear: Dog is negative for the mutation associated with CNM.
CMS	**n/n**	Dog is clear of the gene mutation associated with CMS in Labradors.
CT	**n/CT**	At Risk: Dog carries one copy of the mutation for Copper Toxicosis and is at low risk for developing the disease. The dog may pass the mutated copy on to offspring.
CT-D	**P/P**	Dog carries two copies of the allele associated with preventing copper accumulation in affected dogs. The affect of this allele is stronger in male dogs.
CY (LR)	**n/n**	Dog is negative for the mutation associated with Cystinuria.
DM	**n/n**	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
EIC	**n/n**	Clear: Dog is negative for mutation associated with Exercise-Induced Collapse.
HNPK	**n/n**	Clear: Dog is negative for the mutation associated with HNPK.
HUU	**n/n**	Clear: Dog is negative for the mutation associated with Hyperuricosuria.
MCD	**n/n**	Clear: Dog is negative for the mutation associated with MCD.
PKD	**n/n**	Clear: Dog is negative for the mutation associated with Pyruvate Kinase Deficiency.
PRA-prcd	**n/n**	Negative: Dog is negative for the mutation associated with prcd-PRA.
SD2	**n/n**	Clear: Dog is negative for the mutation associated with Skeletal Dysplasia 2.
Stargardt	**n/n**	Dog is clear of the gene mutation associated with Stargardt Disease.

Animal Genetics

Generated on: 10/23/2025

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Maggie May Dukes

Color Results(5 of 24)		
A-Locus	**at/a**	Dog has tan points and carries recessive black.
B-Locus	**B/B**	Dog does not carry the mutation for most forms of chocolate coloration.
D-Locus	**D/D**	Negative: Dog is negative for the mutation associated with a diluted coat color.
E-Locus	**e/e**	Dog has two copies of cream/yellow.
K-Locus	**KB/KB**	Dog has two copies of the KB allele, and will not express the agouti phenotype.
Pattern Results(1 of 24)		
S-Locus	**n/n**	Negative: Dog is negative for the S-Locus. No white spotting will be present.
Trait Results(4 of 24)		
Curl 1&2	**n/n**	The dog is negative for the hair curl allele. The dog will have non-curly hair, and will always pass on the allele responsible for non-curly hair to any offspring
Furnishings	**n/n**	Non-Furnished: Dog is negative for the furnishings mutation.
Hair Length (1-5)	**L/L**	Negative for long coat allele
Shedding	**n/n**	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.