



THE INTERNATIONAL CAT ASSOCIATION

CERTIFIED PEDIGREE

Name of Cat: ELYSOR LOLA OF MANDYSBENGALS

Date: 09/14/2020

Date of Birth: 04/14/2020

Breed: BENGAL (BG)

TICA Number: SBT 041420 083

Color: BROWN (BLACK) SPOTTED TABBY

Eye Color: GOLD

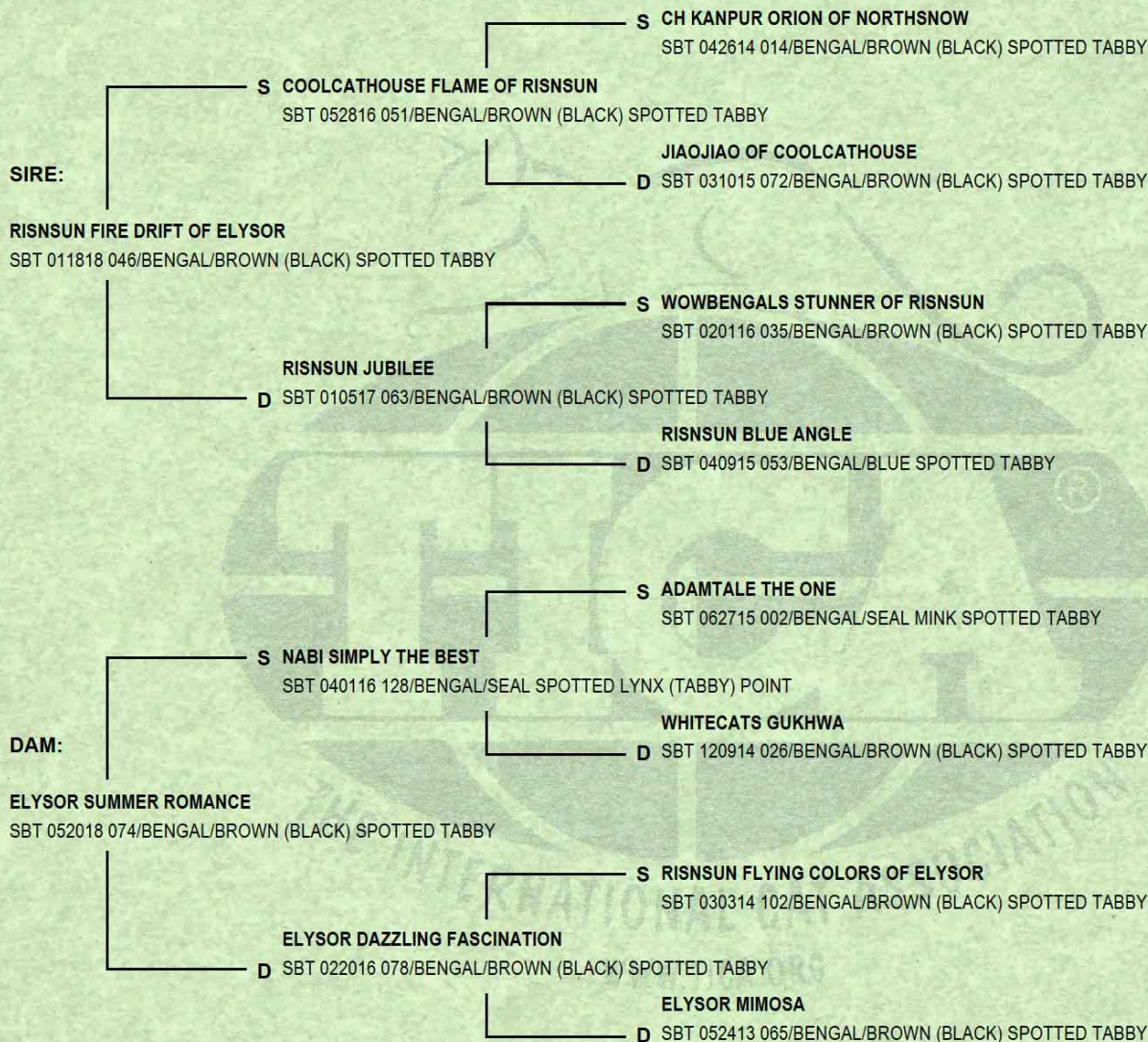
Sex: FEMALE

Microchip: 900001898033787

PARENTS

GRANDPARENTS

GREAT GRANDPARENTS

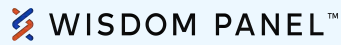


Breeder: ELENA BOLOZAN

Owner: AMANDA /KRIS SIMPSON

Frances Cardona
Executive Secretary

Lola Simpson
Registration: SBT 041420 083
Breed: Bengal



Sample ID: FBJPZKX
Test Date: 2/9/2021
Optimal Selection - Feline

DNA Test Report

Owner Info

First Name

Kris

Last Name

Simpson

Pet Info

Registered Name

Lola Simpson

Date of Birth

4/14/2020

Nickname (Call Name)

Lola Simpson

Sample ID

FBJPZKX

Sex

Female

Registration

SBT 041420 083

Country of Origin

CA

Microchip ID

90001898033787

Owner Reported Breed

Bengal

Tattoo ID

N/A

DNA Test Report

Health Conditions Known in This Breed

Genetic Condition	Gene	Risk Variant	Copies	Result
Progressive Retinal Atrophy (Discovered in Bengal cats)	KIF3B	G>A	0	Clear
Progressive Retinal Atrophy (rdAc-PRA)	CEP290	T>G	0	Clear
Pyruvate Kinase Deficiency	PLKR	G>A	0	Clear

Other Conditions Tested

Genetic Condition	Gene	Risk Variant	Copies	Result
Acute Intermittent Porphyria (Variant 1)	AIP	Deletion	0	Clear
Acute Intermittent Porphyria (Variant 2)	AIP	G>A	0	Clear
Acute Intermittent Porphyria (Variant 3)	HMBS	Insertion	0	Clear
Acute Intermittent Porphyria (Variant 4)	HMBS	Deletion	0	Clear
Acute Intermittent Porphyria (Variant 5)	HMBS	G>A	0	Clear
Autoimmune Lymphoproliferative Syndrome	FASL	Insertion	0	Clear
Burmese Head Defect (Discovered in Burmese)	ALX1	Deletion	0	Clear
Chediak-Higashi Syndrome (Discovered in Persian cats)	CHS	Insertion	0	Clear
Congenital Adrenal Hyperplasia	CYP11B1	G>A	0	Clear
Congenital Erythropoietic Porphyria	UROS	G>A	0	Clear
Congenital Myasthenic Syndrome (Discovered in Devon Rex and Sphynx)	COLQ	G>A	0	Clear
Cystinuria Type 1A	SCL3A1	C>T	0	Clear
Cystinuria Type B (Variant 1)	SCL7A9	C>T	0	Clear
Cystinuria Type B (Variant 2)	SCL7A9	G>A	0	Clear
Cystinuria Type B (Variant 3)	SCL7A9	T>A	0	Clear
Dihydropyrimidinase Deficiency	DPYS	G>A	0	Clear
Earfold and Osteochondrodysplasia (Discovered in the Scottish Fold)	TRPV4	G>T	0	Clear

DNA Test Report

Other Conditions Tested (continued)

Genetic Condition	Gene	Risk Variant	Copies	Result
Factor XII Deficiency (Variant 2)	F12	Deletion	0	Clear
Familial Episodic Hypokalaemic Polymyopathy (Discovered in Burmese)	WNK4	C>T	0	Clear
Glutaric Aciduria Type II	ETFDH	T>G	0	Clear
Glycogen Storage Disease (Discovered in Norwegian Forest Cat)	GBE1	Insertion	0	Clear
GM1 Gangliosidosis	GLB1	G>C	0	Clear
GM2 Gangliosidosis	GM2A	Deletion	0	Clear
GM2 Gangliosidosis, type II (Discovered in Burmese cats)	HEXB	O>O	0	Clear
GM2 Gangliosidosis, type II (Discovered in domestic shorthair cats)	HEXB	Insertion	0	Clear
GM2 Gangliosidosis, type II (Discovered in Japanese domestic cats)	HEXB	C>T	0	Clear
Hemophilia B (Variant 1)	F9	C>T	0	Clear
Hemophilia B (Variant 2)	F9	G>A	0	Clear
Hyperoxaluria type II	GRHPR	G>A	0	Clear
Hypertrophic Cardiomyopathy (A31P; Discovered in Maine Coon)	MYBPC	G>C	0	Clear
Hypertrophic Cardiomyopathy (Discovered in Ragdoll)	MYBPC	C>T	0	Clear
Hypotrichosis (Discovered in Birman cats)	FOXN1	Deletion	0	Clear
Lipoprotein Lipase Deficiency	LPL	G>A	0	Clear
Medication Sensitivity (MDR1)	ABCB1	Deletion	0	Clear
Mucopolysaccharidosis Type I	IDUA	Deletion	0	Clear
Mucopolysaccharidosis Type VI (mild form)	ARSB	G>A	0	Clear
Mucopolysaccharidosis Type VI (severe)	ARSB	T>C	0	Clear
Mucopolysaccharidosis Type VII	GUSB	G>A	0	Clear
Mucopolysaccharidosis VII	USB	C>T	0	Clear

DNA Test Report

Other Conditions Tested (continued)

Genetic Condition	Gene	Risk Variant	Copies	Result
Myotonia Congenita	CLCN1	G>T	0	Clear
Polycystic Kidney Disease (PKD)	PKD1	C>A	0	Clear
Progressive Retinal Atrophy (Discovered in Persian cats)	PRA	C>T	0	Clear
Sphingomyelinosis (Variant 1)	NPC1	G>C	0	Clear
Sphingomyelinosis (Variant 2)	NPC2	G>A	0	Clear
Spinal Muscular Atrophy (Discovered in Maine Coon)	LIX1	Deletion	0	Clear
Vitamin D-Dependent Rickets	CYP27B1	G>T	0	Clear
Factor XII Deficiency (Variant 1)	F12	Deletion	—	Inconclusive

DNA Test Report

Coat Color

Genetic Trait	Gene	Variant	Copies	Result
Charcoal (Discovered in Bengal cats)	ASIP	A ^{Pb}	0	No effect
Solid color (Non-Agouti)	ASIP	a	0	Agouti (banded) hair
Partial and Full White	FERV1	W or w ^s	0	No effect
Gloving (Birman cat - White Gloves)	KIT	w ^g	0	No effect
Amber (Discovered in Norwegian Forest Cat)	MC1R	e	0	No effect
Russet (Discovered in Burmese cats)	MC1R	e ^r	0	No effect
Dilution	MLPH	d	1	Dilution carrier
Albinism (Discovered in Oriental breeds)	TYR	c ^a	0	No effect
Colorpoint (Discovered in Burmese cats)	TYR	c ^b	0	No effect
Colorpoint (Discovered in Siamese cats)	TYR	c ^s	1	Siamese colorpoint carrier
Mocha (Discovered in Burmese cats)	TYR	c ^m	0	No effect
Chocolate	TYRP	b	0	No effect
Cinnamon	TYRP	b ^l	0	No effect

Coat Type

Genetic Trait	Gene	Variant	Copies	Result
Long hair (Mutation M1, discovered in Ragdolls)	FGF5	M1	0	No effect
Long hair (Mutation M2, discovered in Norwegian Forest cats)	FGF5	M2	0	No effect
Long hair (Mutation M3, discovered in Ragdolls and Maine Coon)	FGF5	M3	—	Inconclusive
Long hair (Mutation M4, common)	FGF5	M4	0	No effect
Lykoi coat (Mutation Ca)	HR	hr ^{Ca}	0	No effect

DNA Test Report

Coat Type (continued)

Genetic Trait	Gene	Variant	Copies	Result
Lykoi coat (Mutation VA)	HR	hr ^{VA}	0	No effect
Hairlessness (Discovered in Sphynx cats)	KRT71	re ^{hr}	0	No effect
Rexing (Discovered in Devon Rex)	KRT71	re ^{dr}	0	No effect
Rexing (Discovered in Cornish Rex and German Rex)	LPAR6	r	0	No effect
Glitter	Pending	gl	2	Glitter coat likely

Body Features

Genetic Trait	Gene	Variant	Copies	Result
Short tail (Discovered in Japanese Bobtail cats)	HES7	jb	0	No effect
Polydactyly (Mutation HW)	LIMBR1	HW	0	No effect
Polydactyly (Mutation UK1)	LIMBR1	UK1	0	No effect
Polydactyly (Mutation UK2)	LIMBR1	UK2	0	No effect
Short tail (Discovered in Manx - variant 1)	T	C1199del	0	No effect
Short tail (Discovered in Manx - variant 2)	T	T988del	0	No effect

LABORATORY REPORT #615257

Account:	3391	E-mail:	marketlaneanimalhospital@gmail.com
Company:	Market Lane Animal Hospital	Phone:	9058566770
Name:		Fax:	9058566493

1	Animal ID:	Lola	Species:	Feline
	Owner:	Simpson	Sex:	Female
	Breed:	Bengal	Age:	2y

OP - Ova & Parasites**Parasitology**

Description	Result	Description	Result
Coccidia	None seen	Trichomonas	None seen
Oocysts	None seen	Eggs	None seen
Giardia	None seen	Worms	None seen
Cysts	None seen		

Notes:

If Ova and Parasite tests are negative and the animal still has diarrhea, we recommend doing the Canine Infectious Diarrhea Profile (DNA profile, code:CP18) or Feline Infectious Diarrhea Profile (DNA profile, code:FP16)

LABORATORY REPORT #574877

Account:	3391	E-mail:	marketlaneanimalhospital@gmail.com
Company:	Market Lane Animal Hospital	Phone:	9058566770
Name:		Fax:	9058566493

1	Animal ID:	Lola	Species:	Feline
	Owner:	Simpson	Sex:	Female
	Breed:	Bengal	Age:	22m

OP - Ova & Parasites**Parasitology**

Description	Result	Description	Result
Coccidia	None seen	Trichomonas	None seen
Oocysts	None seen	Eggs	None seen
Giardia	None seen	Worms	None seen
Cysts	None seen		

Notes:

If Ova and Parasite tests are negative and the animal still has diarrhea, we recommend doing the Canine Infectious Diarrhea Profile (DNA profile, code:CP18) or Feline Infectious Diarrhea Profile (DNA profile, code:FP16)

LABORATORY REPORT #560377

Account:	3391	E-mail:	marketlaneanimalhospital@gmail.com
Company:	Market Lane Animal Hospital	Phone:	9058566770
Name:		Fax:	9058566493

1	Animal ID:	Lola	Species:	Feline
	Owner:	Simpson	Sex:	Female
	Breed:	Bengal	Age:	18m

OP - Ova & Parasites**Parasitology**

Description	Result	Description	Result
Coccidia	None seen	Trichomonas	None seen
Oocysts	None seen	Eggs	None seen
Giardia	None seen	Worms	None seen
Cysts	None seen		

Notes:

If Ova and Parasite tests are negative and the animal still has diarrhea, we recommend doing the Canine Infectious Diarrhea Profile (DNA profile, code:CP18) or Feline Infectious Diarrhea Profile (DNA profile, code:FP16)

LABORATORY REPORT #510344

Account:	3391	E-mail:	marketlaneanimalhospital@gmail.com
Company:	Market Lane Animal Hospital	Phone:	9058566770
Name:		Fax:	9058566493

1	Animal ID:	Lola	Species:	Feline
	Owner:	Simpson	Sex:	Female
	Breed:	Bengal	Age:	5m

FP16 - Feline Infectious Diarrhea Profile

Sample	Description	Result	Flag	Ranges	Units
Feces	D465 - Tritrichomonas foetus (DNA)	Negative			
	D4031 - Clostridium perfringens (DNA)	Negative			
	D3291 - Cryptosporidium parvum (DNA)	Negative			
	D3372 - Feline Coronavirus (FIP virus, DNA)	Negative			
	D405 - Giardia spp. (DNA)	Negative			
	D361 - Salmonella spp. (DNA)	Negative			

LABORATORY REPORT #575123

Account:	3391	E-mail:	marketlaneanimalhospital@gmail.com
Company:	Market Lane Animal Hospital	Phone:	9058566770
Name:		Fax:	9058566493

①	Animal ID:	Lola	Species:	Feline
	Owner:	Simpson	Sex:	Female
	Breed:	Bengal	Age:	22m

FP26E - FIV/FelV Profile (ELISA)

Sample	Description	Result	Flag	Ranges	Units
Blood	D341E - Feline Leukemia virus (ELISA)	Negative			
	D335E - Feline Immunodeficiency virus (ELISA)	Negative ¹			

RESULT INTERPRETATIONS

1 - FIV Result Interpretation.

Negative result may indicate: no FIV infection or FIV infection but inadequate time for seroconversion. Cats with potential exposure that test negative should be retested at least 3 or 4 months later. Kittens tested prior to 6 months old should be tested after 6 months whether their first test was positive or negative.