THE INTERNATIONAL CAT ASSOCIATION

CERTIFIED PEDIGREE

Name of Cat: ELYSOR DAHLIA OF MANDYSBENGALS
Date of Birth: 10/03/2019
TICA Number: SBT 100319 027
Eye Color: AQUA
Breed: BENGAL (BG)
Color: SEAL MINK SPOTTED TABBY
Sex: FEMALE

Date: 02/03/2020
Microchip: 900079000683289

PARENTS | **GRANDPARENTS** | **GREAT GRANDPARENTS**

SIRE:
ELYSOR SUNDANCE KID
SBT 042018 017/BENGAL/SEAL MINK SPOTTED TABBY

- S **NABI SIMPLY THE BEST**
  SBT 040116 128/BENGAL/SEAL SPOTTED LYNX (TABBY) POINT
- S **ELYSOR TOTAL ECLIPSE**
  SBT 051417 011/BENGAL/SEAL MINK SPOTTED TABBY
  - D **ELYSOR GOLD DYNASTY**
    SBT 102115 050/BENGAL/BROWN (BLACK) SPOTTED TABBY
- D **ELYSOR ICE BLOSSOM**
  SBT 052517 121/BENGAL/SEAL MINK SPOTTED TABBY
  - S **PANTHERABENGALS DARK ILLUSION**
    SBT 020215 021/BENGAL/BROWN (BLACK) SPOTTED TABBY
  - D **ELYSOR PRECIOUS GEM OF DECAROUSSEL**
    SBT 052514 052/BENGAL/BROWN (BLACK) SPOTTED TABBY

DAM:
ELYSOR ARONIA
SBT 082215 077/BENGAL/SEAL SEPIA SPOTTED TABBY

- S **ELYSOR CLOUDS INVASION**
  SBT 040914 046/BENGAL/BROWN (BLACK) SPOTTED TABBY
  - S **ELYSOR SONIC BOOM**
    SBT 022213 056/BENGAL/BROWN (BLACK) SPOTTED TABBY
  - D **CALLISTA CLOUDBURST OF ELYSOR**
    SBT 042413 084/BENGAL/BROWN (BLACK) SPOTTED TABBY
- D **ARCADE ABRACADABRA OF ELYSOR**
  SBT 120313 009/BENGAL/BROWN (BLACK) SPOTTED TABBY
  - S **JUNGLETIME BOOMERANG OF ELYSOR**
    SBT 032912 054/BENGAL/BROWN (BLACK) SPOTTED TABBY
  - D **NAPLES PRECIOUS DARKNESS OF ARCADE**
    SBT 090312 059/BENGAL/BROWN (BLACK) SPOTTED TABBY

Breeder: ELENA BOLOZAN
Owner: AMANDA/KRIS SIMPSON [redacted]

Frances Cardona
Executive Secretary

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KTBR 9088 9

ELYSOR DAHLIA OF MANDYSBENGALS, Bengal

Registered Name: ELYSOR DAHLIA OF MANDYSBENGALS

Call Name: ELYSOR DAHLIA OF MANDYSBENGALS

Registration ID: SBT 100319 027

Microchip: 90007900683289

Breed: Bengal

Gender: Female

Owner: Kris Simpson

Country: Canada

Testing date: 2020/2/12

Test results - Known disorders in the breed

Disorder	Type	Mode of Inheritance	Result
Bengal Progressive Atrophy	Ocular Disorders	Autosomal Recessive	Clear
Erythrocyte Pyruvate Kinase (PK) Deficiency	Blood Disorders	Autosomal Recessive	Clear
Retinal Dystrophy (rdAc)	Ocular Disorders	Autosomal Recessive	Clear

On behalf of Genoscoper Laboratories,

SIGNATURE

Jonas Donner, PhD, Head of Research and Development at Genoscoper Laboratories

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Test results - Traits - page 1

Blood Type

Trait	Genotype	Description
Blood Type (3 variants)	N/N	Cat has blood type A.

On behalf of Genoscoper Laboratories,

Jonas Donner

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Test results - Traits - page 2

Coat Color

Trait	Genotype	Description
Color Locus B: Chocolate and Cinnamon (2 variants)	B/B	The cat produces black pigment.
Color Locus C: Pointed Coloration and Albinism (3 variants)	cb/cs	The cat is likely to have mink color. The cat carries both Burmese and Siamese color point.
Color Locus A: Agouti and Charcoal (2 variants)	APb/APb	The cat has two copies of the APb allele of Asian Leopard Cats.
any FERV1 insertion in the *KIT* gene	N/N	The cat has no copy of the FERV1 insertion in the KIT gene. The cat's coat color is not affected by White spotting or Dominant White mutations.
MLPH T83del (d allele)	D/D	The cat does not have color dilution.
MC1R c.250G>A (e allele)	E/E	The cat does not have e allele for Amber color found in Norwegian Forest Cat.
MC1R (e^r allele)	-/-	The cat does not have er allele for Russet color found in Burmese.

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Test results - Traits - page 3

Coat Type

Trait	Genotype	Description
Long Hair (4 variants)	N/N	The cat does not have any of the tested long hair mutations and it is likely to have short hair.
LPAR6 c.250_253_delTTTG	N/N	The cat does not have Cornish Rex curly coat.
KRT71 c.445-1C	N/N	The cat does not have Selkirk Rex curly coat.

Morphology

Trait	Genotype	Description
Short tail, T-box mutations (3 variants)	N/N	The cat does not have any of the tested bobtail mutations originally found in Manx.
Polydactyly (3 variants)	N/N	The cat does not have any of the tested mutations causing extra digits.
HES7 c.T5C	T/T	The cat has no bobtail mutation originally found in Japanese Bobtail.

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ELYSOR DAHLIA OF MANDYSBENGALS, Bengal

Test results - Additional disorders found in other breeds - page 1

Blood Disorders

Disorder	Mode of Inheritance	Result
Factor XII Deficiency	Autosomal Recessive	Clear
Hemophilia B, mutation F9: c.1014C>T	X-linked Recessive	Clear
Hemophilia B, mutation F9: c.247G>A	X-linked Recessive	Clear

Cardiac Disorders

Disorder	Mode of Inheritance	Result
Hypertrophic Cardiomyopathy, MYBPC3 mutation: A31P found in Maine Coon	Autosomal Dominant (Incomplete Penetrance)	Clear
Hypertrophic Cardiomyopathy, MYBPC3 mutation: c.2460C>T found in Ragdoll	Autosomal Dominant (Incomplete Penetrance)	Clear

Endocrine Disorders

Disorder	Mode of Inheritance	Result
Congenital Adrenal Hyperplasia	Autosomal Recessive	Clear

Immunologic Disorders

Disorder	Mode of Inheritance	Result
Autoimmune Lymphoproliferative Syndrome	Autosomal Recessive	Clear
Congenital Hypotrichosis with Short Life Expectancy	Autosomal Recessive	Clear

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Test results - Additional disorders found in other breeds - page 2

Metabolic Disorders

Disorder	Mode of Inheritance	Result
Acute Intermittent Porphyria	Autosomal Dominant	Clear
Acute Intermittent Porphyria; HMBS mutation: c.107_110delACAG	Autosomal Dominant	Clear
Acute Intermittent Porphyria; HMBS mutation: c.826-1G>A	Autosomal Dominant	Clear
Acute Intermittent Porphyria; HMBS mutation: c.844delGAG	Autosomal Dominant	Clear
Chylomicronemia, Lipoprotein Lipase Deficiency	Autosomal Recessive	Clear
Congenital Erythropoietic Porphyria, mutation UROS: c.331G>A	Autosomal Recessive	Clear
Cystinuria; SCL3A1 mutation	Autosomal Recessive	Clear
Cystinuria; SCL7A9 mutation: c.1175C>T	Autosomal Recessive	Clear
Cystinuria; SCL7A9 mutation: c.706G>A	Autosomal Recessive	Clear
Cystinuria; SCL7A9 mutation: c.881A>T	Autosomal Recessive	Clear
Dihydropyrimidinuria	Autosomal Recessive	Clear
Mucopolysaccharidosis Type I	Autosomal Recessive	Clear
Mucopolysaccharidosis Type VI (MPS VI), Typical Form	Autosomal Recessive	Clear
Mucopolysaccharidosis Type VII, mutation GUSB: c.1074G>A	Autosomal Recessive	Clear
Mucopolysaccharidosis VII; GUSB mutation C1424T	Autosomal Recessive	Clear
Vitamin D-Dependent Rickets (VDDR-1A); CYP27B mutation: c.G637T	Autosomal Recessive	Clear

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Test results - Additional disorders found in other breeds - page 3

Muscular Disorders

Disorder	Mode of Inheritance	Result
Congenital Myasthenic Syndrome (CMS)	Autosomal Recessive	Clear
Myotonia Congenita	Autosomal Recessive	Clear
Periodic Hypokalemic Polymyopathy, Burmese Hypokalemia, or Familial Episodic Hypokalaemic Polymyopathy	Autosomal Recessive	Clear
Spinal Muscular Atrophy (SMA)/Spinal Muscular Dystrophy	Autosomal Recessive	Clear

Neurologic Disorders

Disorder	Mode of Inheritance	Result
Feline GM1 Gangliosidosis	Autosomal Recessive	Clear
GM2 Gangliosidosis, Domestic Shorthair mutation HEXB: c.1467_1491inv	Autosomal Recessive	Clear
GM2 Gangliosidosis, Japanese Domestic mutation HEXB: c.667C>T	Autosomal Recessive	Clear
GM2 Gangliosidosis; Domestic Shorthair GM2A Mutation	Autosomal Recessive	Clear
Niemann-Pick C2, NPC Disease, Sphingomyelinosis NPC2 Mutation	Autosomal Recessive	Clear
Niemann–Pick C1, NPC Disease, Sphingomyelinosis NPC1 Mutation	Autosomal Recessive	Clear

Neuromuscular Disorders

Disorder	Mode of Inheritance	Result
Glycogen Storage Disease Type IV	Autosomal Recessive	Clear

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Test results - Additional disorders found in other breeds - page 4

Renal Disorders

Disorder	Mode of Inheritance	Result
Hyperoxaluria	Autosomal Recessive	Clear
Polycystic Kidney Disease	Autosomal Dominant	Clear