



VETERINARY GENETICS LABORATORY  
SCHOOL OF VETERINARY MEDICINE  
ONE SHIELDS AVENUE  
DAVIS, CALIFORNIA 95616-8744

TELEPHONE: (530) 752-2211  
FAX: (530) 752-3556

## PK DEFICIENCY AND IDENTITY MARKER REPORT

ELIAS MENESES GUTIERREZ CALLE LLUIS FÁBREGAS 1 - 5 <sup>o</sup> M 07014 PALMA DE MALLORCA SPAIN	<b>Case:</b> <b>CAT111528</b> <b>Date Received:</b> 14-Dec-2018 <b>Print Date:</b> 17-Dec-2018 <b>Report ID:</b> 2455-4268-0832-9162 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.htm">www.vgl.ucdavis.edu/myvgl/verify.htm</a>
<b>Cat:</b> FIRE GRAD E*SADE <b>DOB:</b> 09/12/2017 <b>Sex:</b> Female <b>Breed:</b> Bengal <b>Microchip:</b> 100237000036295 <b>Color:</b> Brown spotted tabby n 24	<b>Reg:</b> KR 3531-136-04-BEN-17
<b>Sire:</b> CH. SALVAGO-ART DANTES <b>Dam:</b> CH. CRISTAL ALISA LIFE IS NICE	<b>Reg:</b> RU-0279-ARV-2527/2015/BEN <b>Reg:</b> KR 2595-136-04-BEN-13

## PYRUVATE KINASE DEFICIENCY TEST RESULT

N/N

### Result Codes:

N/N no copies of PK deficiency, cat is normal

N/K 1 copy of PK deficiency, cat is normal but is a carrier

K/K 2 copies of PK deficiency, cat is or will be affected. Severity of symptoms cannot be predicted\*

Erythrocyte Pyruvate Kinase Deficiency (PK deficiency) is an inherited, autosomal recessive, hemolytic anemia. Breedings between carriers will be expected to produce 25% affected kittens. Go to our website for a list of breeds at risk of PK deficiency due to a significant frequency of the mutation.

\*If your cat is diagnosed as homozygous for PK deficiency, we recommend that you contact your veterinarian for information on disease progression and management.

For more information on PK Deficiency test results, please go to:  
[www.vgl.ucdavis.edu/services/pkdeficiency.php](http://www.vgl.ucdavis.edu/services/pkdeficiency.php)

## IDENTITY MARKERS

<u>LOCUS</u>	<u>TYPE</u>	<u>LOCUS</u>	<u>TYPE</u>
FCA075	RS	FCA220	LM
FCA223	EG	FCA678	M
FCA698	U		



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ELIAS MENESES GUTIERREZ CALLE LLUIS FÁBREGAS 1 - 5 <sup>o</sup> M 07014 PALMA DE MALLORCA SPAIN	<b>Case:</b> <b>CAT111529</b> <b>Date Received:</b> 14-Dec-2018 <b>Print Date:</b> 17-Dec-2018 <b>Report ID:</b> 5734-3541-3362-8095 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.htm">www.vgl.ucdavis.edu/myvgl/verify.htm</a>
<b>Cat: SUNDIATA BOY 1 LITTER *A*</b> <b>DOB: 10/09/2018 Sex: Male Breed: Bengal Color: Brown spotted tabby</b>	<b>Reg:</b>
<b>Sire: V-KENZO EL EMBRUJO -E</b> <b>Dam: FIRE GRAD E*SADE</b>	<b>Reg: E(CFM - WCF)LO 24898</b> <b>Reg: KR 3531-136-04-BEN-17</b>

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FCA075	RT	FCA220	L
FCA223	G	FCA678	MN
FCA698	Uc		