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SANTA BARBARA • SANTA CRUZ

VETERINARY GENETICS LABORATORY  
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**PK DEFICIENCY AND IDENTITY MARKER REPORT**

SABIN J. BIZKARRALEGORRA-BRAVO E-48011 BILBO - BIZKAIA - BASQUE SPAIN		<b>Case:</b> CAT63504 <b>Date Received:</b> 10-Mar-2014 <b>Print Date:</b> 21-Mar-2014 <b>Report ID:</b> 9850-3744-3314-1033 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat:</b> FABY-CATS JINA DOB: 09/12/2012 Sex: Female Breed: Abyssinian Microchip: 20825000009179	<b>Reg:</b> (DK)FD LO 211959	
Sire: FABY-CATS BATRIX Dam: FABY-CATS HIMMELBLA	Reg: (DK)FD LO 156139 Reg: (DK)FD LO 203325	

**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

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: [www.vgl.ucdavis.edu/services/pkdeficiency.php](http://www.vgl.ucdavis.edu/services/pkdeficiency.php)

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

**IDENTITY MARKERS**

LOCUS	TYPE	LOCUS	TYPE
FCA075	RS	FCA220	L
FCA223	N	FCA678	JK
FCA698	Ta		

*The following veterinarian certifies that he collected and sent the samples and that has verified these results:*

*[Signature]*  
 Clínica Veterinaria  
 Simón Bolívar, 1 bajo - Tel. 94 410 14 60  
 48010 BILBAO  
 Javier A. Zorriquetá Gojenola  
 Colegiado nº 661