



VETERINARY GENETICS LABORATORY  
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## PK DEFICIENCY AND IDENTITY MARKER REPORT

<b>SABIN J. BIZKARRALEGORRA-BRAVO</b>  <b>E-48011 BILBO - BIZKAIA - BASQUE</b> <b>SPAIN</b>		<b>Case: CAT61752</b> <b>Date Received: 03-Jan-2014</b> <b>Report Date: 10-Jan-2014</b> <b>Report ID: 9093-9640-0630-9093</b> Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat: FABY-CATS ISOLDE</b> <b>DOB: 06/24/2012 Breed: AB Sex: F Microchip: 208210000394791</b>		<b>Reg: (DK)FD LO 210664</b>
<b>Sire: FABY-CATS DIMITRI</b> <b>Dam: FABY-CATS GIGI</b>		<b>Reg: (DK)FD LO 158625</b> <b>Reg: (DK)FD LO 202502</b>

## 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	R	FCA220	L
FCA223	MU	FCA678	KN
FCA698	Ta		

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

Javier A. Zorriquetta Gojenola  
Colegiado nº 661

Clínica Veterinaria  
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