

UNIVERSITY OF CALIFORNIA, DAVIS

BERKELEY • DAVIS • IRVINE • LOS ANGELES • MERCED • RIVERSIDE • SAN DIEGO • SAN FRANCISCO



SANTA BARBARA • SANTA CRUZ

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

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

PKD1 AND IDENTITY MARKER REPORT

SABIN J. BIZKARRALEGORRA-BRAVO E-48011 BILBO - BIZKAIA - BASQUE SPAIN		Case: CAT63504 Date Received: 10-Mar-2014 Print Date: 21-Mar-2014 Report ID: 0444-7774-0352-1082 <small>Verify report at www.vgl.ucdavis.edu/myvgl/verify.html</small>
Cat: FABY-CATS JINA DOB: 09/12/2012 Sex: Female Breed: Abyssinian Microchip: 208250000009179		Reg: (DK)FD LO 211959
Sire: FABY-CATS BATRIX Dam: FABY-CATS HIMMELBLA		Reg: (DK)FD LO 156139 Reg: (DK)FD LO 203325

PKD1 TEST RESULT

N/N

Result Codes:

N/P = Affected 1 copy of the PKD1 gene, cat has or will develop PKD. Severity of symptoms cannot be predicted*

N/N = Normal Does not possess the disease-causing PKD1 gene.

The disease is inherited as an autosomal dominant trait, which means that a heterozygote (N/P) bred to a normal (N/N) will result in approximately half of the offspring being affected and half being normal. There are no observed homozygous affected (P/P), which suggests that the mutation is embryonic lethal. The test indicates the presence or absence of the stop mutation in the feline PKD1 gene caused by a cytosine to adenine transversion. This mutation causes feline polycystic kidney disease (PKD), which is characterized by renal, hepatic and pancreatic cysts. *If your cat tests positive for PKD1, 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		

This test is performed under a license agreement with the University of California.

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

[Signature]
Clinica Veterinaria
Simón Bolívar, 1 bajo • Tel. 94 410 14 60
10 BILBAO
Javier A. Zorriquetá Goñi
Colegiado nº 661