



VETERINARY GENETICS LABORATORY
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PK DEFICIENCY AND IDENTITY MARKER REPORT

ANDREA A. S. VAN ELMPT VAALRIVIERSTRAAT 10A 1091 PD AMSTERDAM THE NETHERLANDS NETHERLANDS	Case: CAT49873 Date: 16-Oct-2012 Report Date: 30-Oct-2012 Report ID: 1365-4479-3372-0131 <small>Verify report at https://www.vgl.ucdavis.</small>
<i>Cat:</i> HELIOS DE SHAKIRI <i>DOB:</i> 05/06/2012 <i>Breed</i> AB <i>Sex:</i> M <i>Microchi</i> 250269802164482	<i>Reg:</i> LOOF 2012.12428
<i>Sire:</i> STRINGAPURRS VITRUVIAN <i>Dam:</i> CEDARWOOD KV LOLITA	<i>Reg:</i> CFA 0380-1597474 <i>Reg:</i> CFA 0361-1571055

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 hemolytic anemia that occurs in Abyssinian, Somali and some domestic shorthair cats. This condition is inherited as an autosomal recessive. Breedings between carriers will be expected to produce 25% affected kittens.

*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
<i>FCA069</i>	KL	<i>FCA075</i>	Q
<i>FCA220</i>	L	<i>FCA678</i>	K
<i>FCA698</i>	T	<i>FCA223</i>	N