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## Feline PK Deficiency test (Pyruvate Kinase Deficiency in Felines)

		Vizi Barbara		Test number: 21102019-Viz1
<b>Cattery</b> HU*Diamond Star	<b>DOB</b> 07.09.2019	<b>Electronic chip</b>		Report date: 23.10.2019
<b>Breed</b> Maine Coon	<b>Cat</b> HU*Diamond Star Reckless Kelly, black silver mc. torbie with white	<b>Sex</b> ♀		

**Result**

**N/N**

### Result Codes:

**N/N** – Cat is homozygous for a normal type (i.e. carry two normal copies of the *PKLR* gene).

**N/k** – Cat is heterozygous for the mutant allele (one copy of the *PKLR* gene carry the mutation).

**k/k** – Cat is homozygous for the mutant allele (two copies of the *PKLR* gene carry the mutation).

This test detects the *c.693+304G>A* mutation associated with pyruvate kinase deficiency in Felines as described by Grahn *et al.*, 2012.

The PKdef disease affects cats with two mutant copies of the *PKLR* gene only. Cats with only one mutant copy of the *PKLR* gene are clinically without any symptoms but are the carriers.

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diagnostics laboratory  
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