




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

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

PK DEFICIENCY AND IDENTITY MARKER REPORT

| | |
|---|--|
| <p>SOFIA ROMERO</p>  <p>MEXICO</p> | <p>Case: CAT120378</p> <p>Date Received: 06-Jan-2020</p> <p>Print Date: 08-Jan-2020</p> <p>Report ID: 6407-0255-9795-1142</p> <p>Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm</p> |
| <p>Cat: ORION Reg: MX.AFM.LO. 1.0 060534-004994</p> <p>DOB: 12/15/2018 Sex: Male Breed: Norwegian Forest Cat Microchip: 900250000752241 Color: Negro silver con blanco (ns 09 22)</p> | |
| <p>Sire: DK*SAKEENA'S DR. STRANGELOVE Reg: DK.FD.LO. 222164</p> <p>Dam: S*SANDLILJAN'S CLAIRE FRASER Reg: SE.SVERAK.LO 347104</p> | |

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 predicted*

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.

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

For more information on PK Deficiency test results, please go to:
www.vgl.ucdavis.edu/services/pkdeficiency.php

IDENTITY MARKERS

| LOCUS | TYPE | LOCUS | TYPE |
|---------------|------|---------------|------|
| <i>FCA075</i> | QS | <i>FCA220</i> | L |
| <i>FCA223</i> | UW | <i>FCA678</i> | JN |
| <i>FCA698</i> | VW | | |