



Juvenile Laryngeal Paralysis & Polyneuropathy

[Home](#) > [Juvenile Laryngeal Paralysis & Polyneuropathy](#)

Black Russian Terriers and Rottweilers ONLY

Juvenile Laryngeal Paralysis & Polyneuropathy (JLPP) in the Black Russian Terrier

Juvenile laryngeal paralysis and polyneuropathy (JLPP) is an autosomal recessive, hereditary disease that affects Black Russian Terriers beginning typically around 3 months of age. Affected dogs have difficulty breathing when excited or exercised and may have a change in their bark. As the disease progresses, they develop weakness and loss of coordination in the hind limbs which will eventually progress to affect the front limbs as well. They may also have difficulties swallowing which can result in choking or pneumonia.

Research Available:

Statistics on testing results

Test Results

Normal This dog has tested normal (or clear) for the mutation known to cause JLPP. It can only transmit a normal gene to offspring, and can be bred to a dog with any test result without risk of producing affected offspring.

Carrier This dog has tested as a carrier for the mutation known to cause JLPP. There is no evidence at present that these dogs will develop clinical symptoms of JLPP. It may transmit either a normal gene or a mutated gene to potential offspring.

Affected/At-Risk This dog has tested as affected for the mutation known to cause JLPP. It is at risk for developing clinical symptoms of JLPP, which generally begin to appear at about 3 months of age. The clinical signs include difficulty breathing, change in bark, weakness and loss of coordination, and difficulty swallowing which can result in choking or pneumonia. There is no effective treatment for this condition, and even with supportive nursing care, these dogs do not live more than a few months after clinical signs begin.

[ORDER DNA TEST](#)

*Tests are ordered online through the secure area of the OFA website. Payment is accepted by credit card (MasterCard and VISA). The OFA administers all order handling. Upon receipt of an order, the OFA will send out the test kit which will include a Foam-Tipped Applicator card for DNA sample collection, along with sample collection **instructions**. Using the FTA card technology, owners can safely collect DNA samples at home. The collection process is non-invasive, and no veterinary appointment is necessary.*

Samples are then sent to the University of Missouri College of Veterinary Medicine where the samples will be processed by the Small Animal Molecular Genetics Lab. Results will be forwarded to the OFA, and the OFA will issue the resulting report to the owner.

The fee for each test includes the test kit, laboratory processing, and subsequent registration in the OFA databases.



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