

Resveratrol Supplement for Small Animals



RESVANTAGE CANINE® RESVANTAGE FELINE®

Pharmaceutical Grade
Veterinary Capsules
for Small Animal
Therapy

Resvantage Canine and Feline are supplements for small animals whose principal ingredient is resveratrol. Resveratrol is a member of plant derived compounds known as polyphenols and is attracting increased attention due to its diverse health benefits especially in the case of cardiovascular disease, cancer, diabetes and neurological problems.

Resveratrol has high therapeutic potentials for the prevention and treatment of various diseases. It is naturally sourced, well tolerated and safe for long-term daily use. There are no known contra-indications associated with resveratrol supplementation.

Inflammation/Osteoarthritis – Numerous studies have documented the anti-inflammatory activity of resveratrol. Resveratrol suppresses inflammatory signaling through its actions on the NF-kappaB pathway effectively reducing inflammation throughout the body. Through other pathways, resveratrol prevents advanced glycation end products (AGEs) mediated destruction of collagen II and AGEs-induced destruction of cartilage. By targeting these critical signaling pathways, resveratrol has demonstrated high therapeutic potential for the treatment of osteoarthritis. Resvantage® animal supplements are used to manage acute and chronic inflammatory conditions and joint deterioration such as arthritis and hip dysplasia.

Cancer – Recent evidence from animal studies has shown resveratrol to be an effective chemo preventive/curative agent in three stages of the cancer process; initiation, promotion and progression. Researchers have found that resveratrol helps to starve cancer cells by inhibiting the expression of NF-kappaB, a key protein that feeds them, triggering apoptosis.

Resveratrol can be used as a cancer therapy by itself or combined with other therapies. Researchers at MD Anderson Cancer Center looking for ways to improve cancer therapy, have found resveratrol to be an effective chemosensitizer, enhancing the effectiveness of radiation and chemotherapy while protecting normal tissue from harmful side effects.

Tumors shown to be sensitized by resveratrol include lung carcinoma, acute myeloid leukemia, promyelocytic leukemia, multiple myeloma, prostate cancer, oral epidermoid carcinoma, and pancreatic cancer.

In addition to its chemoenhancing effects, resveratrol also has shown to protect against chemo-induced cardiotoxicity. Studies show that treatment with resveratrol hinders the adverse effects of chemotherapy such as myocardial injury and impaired heart function. It has also been shown to protect against haematological toxicity resulting from platinum treatments.

Further research on combined therapy has shown single dose resveratrol together with inefficiently low doses of platinum drugs prevented re-growth of cancer cells after drug withdrawal.

Diabetes – Studies show that resveratrol increases the expression of the enzyme, SIRT1 which boosts insulin sensitivity and improves mitochondrial function. The combined activities of these pharmacological effects provide an effective a new therapy for treating type II diabetes. Resvantage® Canine and Feline are being used clinically to manage diabetes and reduce the incidence and severity of glycemic seizures.

Brain Aging/Cognitive Dysfunction – Resvantage® supplements are used to help maintain normal brain function in elderly pets. Studies show resveratrol having diverse neuroprotective properties and high therapeutic potentials for the treatment of neurodegenerative diseases. The beneficial effects of resveratrol include antioxidant and anti-inflammatory activity as well as lowering levels of plaque forming amyloid-beta peptides. Clinical signs of improvement are usually visible after less than 7 days of treatment with animals displaying renewed energy and reduction in mental impairment.

Cardiovascular – Resveratrol has demonstrated high therapeutic potentials for the treatment of cardiovascular diseases. It possesses potent antioxidant properties and promotes vasorelaxation by stimulating endothelial nitric oxide production. It has been shown to attenuate mitochondrial oxidative stress in coronary arterial endothelial cells suggesting it a potential therapy for treating heart disease related to diabetic conditions in dogs and cats.

