

What are the advantages of using a supplement that contains Green Lipped Mussel (GLM) to maintain mobility health in dogs?



Technical Bulletin
Glyde Issue 1

Green Lipped Mussel Can Help Your Canine Patients Maintain Youthful Mobility

Green Lipped Mussel (GLM), in combination with chondroprotectives, glucosamine and chondroitin, offers significant relief from joint stiffness, enhancing your canine patient's mobility.

GLM, from the pristine waters of New Zealand, is one of nature's best sources of ETA (Eicosatetraenoic Acid). Like other sources of Omega-3 fatty acids (salmon, flax, etc.), GLM also contains EPA (Eicosapentaenoic Acid) and DHA (Docosahexaenoic Acid); however, it is the presence of a more potent form of ETA that is 300 times more effective than EPA.¹ that sets GLM apart. ETA acts as a dual inhibitor of arachidonic acid and oxygenation for both lipoxygenase and cyclooxygenase (LOX and COX) pathways.²

Sustainable sourcing

- Derived from the *Perna Canaliculus* shellfish species
- Found off the coast of New Zealand, in the secluded and deep, pure waters of the South Pacific
- GLM is one of the top two sustainable seafoods in the world³
- Grown in a nutrient-rich environment, GLMs are filter feeders and feed on phytoplankton, one of the richest sources of antioxidants

Efficacious and proven

- Well researched at the University of Queensland in Australia³
- One of nature's best sources of Omega-3 fatty acids, amino acids, vitamins, minerals, protein, glucosamine, and chondroitin
- One of the most effective joint mobility supplements

Supplement mechanism

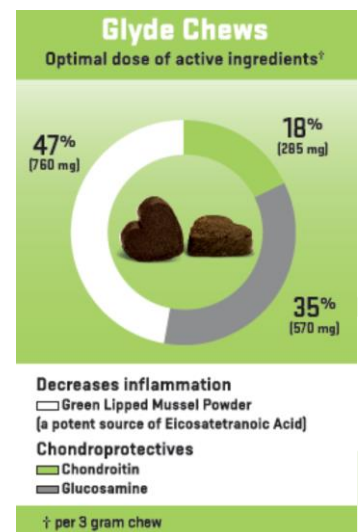
- Omega-3 fatty acid complex binds the enzymes, lipoxygenase and cyclooxygenase, involved in inflammation and creation of cytokines, leukotrienes, and prostaglandin
- Uniquely, ETA inhibits Arachidonic Acid, a pro-inflammatory compound.
- Inhibits only COX-2 enzyme activity involved in the inflammatory response
- Alternatively, the enzyme delta-5-desaturase (d5d) uses ETA to make EPA, one of the key fatty acids found in Omega-3 complex
- Source of glycosaminoglycans, the building blocks of cartilage and joint fluid

Glyde contains natural ingredients - something pet parents appreciate

- Natural, environmentally sustainable ingredients
- Cold-formation process preserves natural benefits and ability to reduce inflammation
- No artificial colours, flavours or preservatives

Glyde Chews are unique

Glyde Chews are the only nutraceutical that contain optimised levels of chondroprotectives and Green Lipped Mussel (GLM) to decrease inflammation.⁴



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