



SAMeLQ[®] Chewable Tablets

Liver Support for Dogs and Cats

The liver is one of the most critical organs in the body. It is also the only organ that can function with less than 50% of the organ remaining, which is why liver disease is often diagnosed at an advanced stage.

Help support liver health by recommending a liver support supplement to dogs and cats at high risk of developing liver disease. Since many symptoms of liver disease are non-specific, they often go unnoticed in the early stages.

At-risk dogs and cats:

- Obese cats
- Senior cats and dogs
- Pets on medications with known side effects that impact the liver
- Pre-disposed dog breeds: Schnauzers, Maltese, Yorkshire Terriers, Golden/Labrador Retrievers, Poodles, German Shepherds, Dobermans, American Cocker Spaniels, West Highland Terriers, Dalmatians

SAMeLQ[®] Chewable Tablets - Liver Support for Dogs and Cats

SAMeLQ[®] offers advanced antioxidant support for dogs and cats. It has a unique combination of ingredients including SAMe, Licorice Root Extract, Quercetin, N-Acetyl L-Cysteine, Taurine, and Zinc.

SAMe

- Supports liver metabolism
- Enhances blood flow
- Supports normal cleansing of the liver from impurities

Antioxidants

- Quercetin, L-Taurine, B-Vitamins, and other antioxidants help enhance immune response
- Assists the body in helping to remove damaging free radicals

Licorice Root Extract

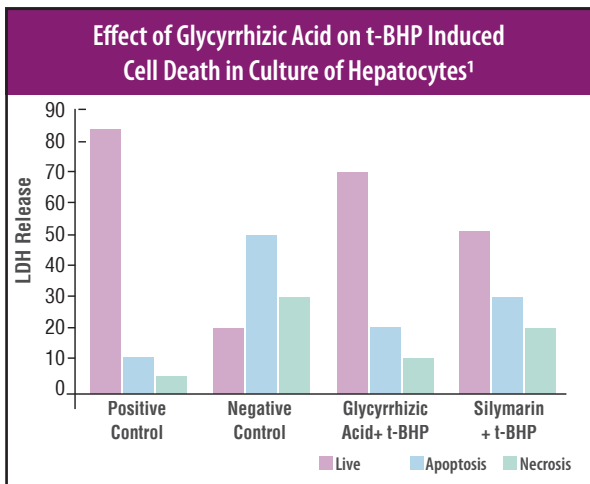
- Helps maintain healthy liver cells
- Maintains liver and kidney function
- Promotes the body's innate resistance to pathogens

N-Acetyl L-Cysteine

- Precursor to glutathione which protects against free radical damage
- Supports cellular health

Additional Benefits of SAMeLQ® Products

	Immune System Support	Antioxidant	Supports Metabolism	Promotes Cell Health	Supports Normal Inflammatory Response
SAMe		X	X	X	X
Licorice Root Extract	X			X	X
Quercetin	X	X		X	
N-Acetyl L-Cysteine		X		X	X
Taurine	X	X	X	X	
B Vitamins		X	X	X	
Zinc	X	X	X	X	X



Apoptosis and Necrosis were measured by release of LDH (Lactate Dehydrogenase)
 Negative Control = Butyl Hydroperoxide to induce cell injury and death

Licorice Root Extract (Glycyrrhizate Ammonium)

- Helps inhibit lipid peroxidation (free radical damage to cells)
- Less apoptosis (cell death) with licorice root than silymarin (milk thistle) *in vitro*

Tripathi M., Glycyrrhizic acid modulates t-BHP induced apoptosis in primary rat hepatocytes. Food and Chemical Toxicology. 2009 (47): 330-347.

Quercetin: Scavenging Activity Compared to Silybin (Milk Thistle)

	Quercetin	Silybin (Milk Thistle)
Dpph Scavenging Activity	96.8%	16.6%
Superoxide Scavenging Activity	93.8%	38.2%

Want, F., et al. Preparation of C-23 esterified silybin derivatives and evaluation of their lipid peroxidation inhibitory and DNA protective properties. Bioorganic & Medicinal Chemistry. 2009 (170): 6380-6389.

SAMeLQ® Chewable Tablets

- Tasty tablets available in 100 mg, 225 mg, and 425 mg
- Each size is available in 30 ct. and 60 ct. bottles



For best results, SAMeLQ® should be given on an empty stomach.

www.SAMeLQ.com

