NuVet Plus Nutritional Supplement
Ingredients & Nutrients + Related Studies

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ALFALFA

(Canine formula only) – A nutritious source of enzymes, proteins, phytochemical substances such as chlorophyll, and minerals such as iron, calcium, and zinc. It is an excellent source of vitamins A, B, C, D, E, K, and U. Functions as a prebiotic, aiding digestion by influencing enzyme activity in the gastrointestinal tract and promoting the growth of beneficial bacteria. Helps maintain a healthy appetite and aids both urinary and bowel functioning. Its mineral rich properties helps strengthen immunity, support blood circulation, promote red blood cell production.

References:

Studies relating to alfalfa’s importance to digestion and immunity:


ALPHA AMYLASE

A digestive enzyme that augments the metabolism of carbohydrates supporting digestion and promoting improved energy. Assists in the absorption of nutrients into the cellular network. An antioxidant which protects cells by neutralizing free radicals.

References:

Studies relating to alpha amylase’s antioxidant properties and ability to support healthy digestion:


AMINO ACIDS

Plays an essential role in overall health. Aids in building new proteins, muscle, bone and tendon cells. Supports a healthy metabolism, brain function and immune system. Assists in the creation of proteins that facilitate growth, aid in metabolism and digestion, and are used to maintain healthy skin and coat. Supports balanced mood by supporting lipid and tryptophan metabolic pathways. Main sources – Alfalfa, Blue Green Algae, Brewer’s Yeast, Chicken Liver, and Whey Protein (feline formula).

They are used in every part of the body; ranging from the proteins in muscles to the antibodies that support a healthy immune system. They aid a healthy metabolism by assisting in the breakdown of foods into chunks that can be absorbed; supporting healthy digestion and nutrient absorption, improving energy, and promoting a high quality of living.

References:


Studies relating to the importance of amino acids for metabolism and growth:


ARGININE

An amino acid that supports the production of collagen and aids the amino acid lysine in promoting healthy bones\(^1\). Essential for the body’s protein manufacturing process. Metabolically versatile amino acid, serves as a precursor for the synthesis of urea, nitric oxide, polyamines, proline, glutamate, creatine and agmatine. Healthy levels of arginine are supported by the enzyme papain, which breaks down complex proteins to produce arginine for use in the body\(^2\). Main sources – Alfalfa, Blue Green Algae, Brewer’s Yeast, Chicken Liver, Whey Protein (feline formula.)

References:


Studies relating to the importance of arginine to immune system activity:

ASPARTIC ACID

Strengthens the immune system by boosting immunoglobulin₂ and antibody production and promoting the chelation of minerals such as calcium, potassium and magnesium aspartate. Supports healthy nervous system function and promotes healthy hormone production and release₁. Main sources – Alfalfa, Blue Green Algae, Brewer's Yeast, Chicken Liver, and Whey Protein (feline formula).

References:

1. University of Maryland Medical Center. Asparic acid. Web URL: http://www.umm.edu/health/medical/ency/articles/aspartic-acid

Studies relating to the importance of asparactic acid to immune system activity:


BETA CAROTENE

Serves as a powerful antioxidant that helps neutralize free radicals and maintain a strong immune system. Crucial for maintaining healthy vision, skin and coat. Helps maintain a healthy heart. It converts into Vitamin A as needed by the body. Vitamin A supports healthy cell division and is essential support for healthy vision, skeletal growth, reproductive function, embryonic development, differentiation of tissues and may help with discolored eyes.

References:


Studies relating to the effects of beta carotene on oxidative damage and eye health:


BIOFLAVONOIDS

Plant-derived polyphenolic compounds with various health benefits. A class of powerful antioxidants that protect cells from oxidative damage\(^1\). Supports a healthy vascular system\(^1\). Found in: Alfalfa, Blue Green Algae, Pine Bark, Evening Primrose Oil.

References:

Studies relating to bioflavonoid’s antioxidant properties:


BLUE GREEN ALGAE

A rich nutritional food that contains a greater amount of protein than any other whole food. It provides essential amino acids, chlorophyll and trace minerals. Helps support a healthy immune system. Promotes intestinal regularity and helps maintain healthy weight\textsuperscript{2,3}. Boost hemoglobin production, purifies the blood and assists in stabilizing proper blood sugar levels. Aids in cholesterol-reduction and mineral-absorption. Helps maintain tissue integrity\textsuperscript{1}. Is a powerful antioxidant that can reduce damage to cells by neutralizing free radicals\textsuperscript{1}.

References:


Studies relating to blue green algae’s role in digestive health:


BREWER’S YEAST

A balanced, natural source of B-vitamins, including folic acid, which helps maintain healthy skin, coat, nerves and eyes. It is a nutritional supplement that can provide energy, support the nervous system and enhance the immune system. Contains vitamins that help digest carbohydrates, fats, and proteins, supporting a healthy digestive tract. Its antioxidant properties further helps support healthy digestion. Good source of chromium which support healthy weight by supporting healthy metabolism.

References:


CALCIUM

An essential mineral that is used to support healthy bones and teeth and cardiovascular system\(^1\). Promotes healthy muscle function and development. The heart requires calcium to maintain a normal beat. Necessary for muscles to contract and relax\(^1\). Required for nervous system to function properly and for blood to clot. Essential to all cell functionality. Works synergistically with phosphorus\(^2\). Found in: Alfalfa, Blue Green Algae, Chicken Liver, Oyster Shell, Shark Cartilage, Whey Protein (feline formula.)

References:

CAT’S CLAW (Uña de Gato)

A Peruvian herb that indigenous peoples have used for centuries for its amazing beneficial properties. Its antioxidant properties nourish the immune system, cleanse the intestinal tract, enhance white blood cell formation and promote cardiovascular health. Promotes healthy joints and may aid in mobility and flexibility. Has strong antioxidant properties that support healthy digestion through promoting a healthy microbial community.

References:

Studies relating to cat’s claw’s beneficial properties:


CHICKEN LIVER

Whole paddle-dried chicken liver provides valuable nutrients and a delicious flavor for canine and feline companions. It’s a rich source of essential amino acids, B-vitamins & folic acid, iron, copper and magnesium. Strengthens the nervous system. Aids in digestion, proper tissue development, increased energy levels and production of red blood cells. Provides the vitamins and minerals in the creation of proteins that facilitate growth, aid in metabolism and digestion, and are used to maintain healthy skin and coat. Supports balanced mood.

References:


Studies relating to the nutrients in chicken liver:


CHLOROPHYLL

Chlorophyll is a green pigment found in most plants that allows plants to create energy. Enzymes and copper found in chlorophyll have strong antioxidant properties and protect cells from oxidative damage caused by free radicals. Found in: Alfalfa, Blue Green Algae, Primrose, Cat’s Claw.

References:


Studies relating to chlorophyll’s importance to the immune system, particularly as an antioxidant:


COPPER

A needed mineral for healthy nerves, joints and skin. Helps maintain a healthy optic nerve\textsuperscript{1}. Supports healthy immune function and the production of white blood cells\textsuperscript{2}. Helps maintain bone mineral density supporting growth\textsuperscript{2}. Helps with the formation of collagen, increases the absorption of iron and plays a role in energy production\textsuperscript{1}. When taken in combination with manganese and zinc helps protect healthy bones\textsuperscript{3}.

References:


Studies relating to the importance of copper to overall immune health:


ESSENTIAL FATTY ACIDS

Unsaturated fatty acids are called essential because animal bodies’ require them for supporting healthy cell, gland and organ function. The body cannot synthesize the essential fatty acids on its own. They must come from diet. They support healthy and shiny skin and coat appearance and aid in maintaining bone health, reproductive tissue, and central nervous system. Found in: Chicken Liver, Evening Primrose Oil.

References:

1. University of Maryland Medical Center. Omega-6 fatty acids. Web URL: 
   http://www.umm.edu/health/medical/altmed/supplement/omega6-fatty-acids

Studies relating to the health benefits of Omega-3’s and Omega-6’s for skin health:


EVENING PRIMROSE OIL

A rich source of gamma linolenic acid, an essential polyunsaturated fatty acid that helps support a healthy cardiovascular system and healthy eyes\(^1\). Supports healthy joints\(^2\), helps lower cholesterol, and aids in regulating blood pressure. It is rich in omega 3 and 6 fatty acids which help maintain healthy skin, coat, and bone structure. Speeds up and improves energy during recovery promoting higher quality of life\(^3\).

References:


Studies relating to evening primrose oil’s contribution to joint and general health:


FOLIC ACID

Form of vitamin B-9 that occurs naturally in a wide range of food. Necessary for healthy growth and division of cells. Helps regulate embryonic and fetal nerve cell formation supporting a healthy nervous system. Needed for the formation of healthy red blood cells and energy production. Strengthens immunity by aiding the formation and functioning of healthy white blood cells. Aids liver and glandular health. Supports healthy ears and hearing. Found in: Alfalfa, Brewer’s Yeast, Chicken Liver.

References:

Studies relating to folic acid’s role in supporting healthy ears and cell formation:


HISTIDINE

One of ten essential amino acids for pets. A precursor to histamine. Essential amino acids are required by an animals’ body to support healthy cell, gland and organ function. Necessary for tissue growth and repair. Promotes red and white blood cell production, cleansing the body of toxins and maintaining antibodies to help resist harmful pathogens. Cannot be produced by the animal’s body\(^1\). They must come from diet. Important for mood balance\(^2\). Flushes out heavy metals from the body. Supports healthy muscle function\(^2\). Main sources – Alfalfa, Blue Green Algae, Brewer’s Yeast, Chicken Liver, Whey Protein (feline formula).

References:


IRON

Helps with protein metabolism and promotes proper tissue growth. An essential mineral necessary for energy production. Important component of hemoglobin, needed in the formation of red blood cells which carry oxygen throughout the body, improving energy and promoting mood balance. Aids in maintaining healthy cells, skin, hair, and nails. Alongside of vitamin c helps support a healthy immune system. Found in: Alfalfa, Chicken Liver, Shark Cartilage, Whey Protein (feline formula.)

References:


Studies relating to the importance of iron to a healthy immune system:

L-CYSTEINE

An amino acid found in many of the body’s proteins. Supports healthy and shiny skin and coat. Used in the production of L-Cystine. Eliminates certain harmful chemicals from the body and contains a form of sulfur that helps neutralize free radicals. Main sources – Alfalfa, Blue Green Algae, Brewer’s Yeast, Chicken Liver, Whey Protein (feline formula).

References:


Studies relating to L-cysteine’s effects on the immune system:


**L-CYSTINE**

The oxidized form of L-cysteine that protects bone and skin tissue. Supports a healthy immune system and digestive tract. Precursor of the antioxidant and detoxifying agent glutathione. Main sources – Alfalfa, Blue Green Algae, Brewer's Yeast, Chicken Liver, Whey Protein (feline formula).

References:

**Studies relating to L-cystine’s importance to the immune system:**


L-GLUTAMIC ACID

An amino acid that supports nerve function and improves energy by supporting healthy cellular metabolism (how cells make energy)\(^1\). L-glutamic acid occurs in proteins and appears widely throughout plant and animal tissue. It functions as an inhibitory neurotransmitter in the central nervous system\(^3\). Main sources – Alfalfa, Blue Green Algae, Brewer's Yeast, Chicken Liver, Whey Protein (feline formula).

References:

Studies relating to L-glutamic acid’s importance to cellular metabolism, nerve and immune function:


L-LYSINE

An essential amino acid that supports healthy growth and tissue function\textsuperscript{2}. Essential amino acids are required by an animal’s body to support healthy cell, gland and organ function, but can’t produce them in their own body\textsuperscript{1}. They must come from diet. Necessary to the makeup of the body’s proteins and contributes to healthy immune system activity by helping the body absorb calcium and produce antibodies\textsuperscript{3}. Main sources – Brewer’s Yeast, Chicken Liver, Whey Protein. Other sources - Alfalfa, Blue Green Algae.

References:


Studies relating to lysine’s importance to health body functions:


L-METHIONINE

An essential amino acid that is not synthesized by the body and must be obtained from food or supplements. Helps to buffer and eliminate heavy metals in the body and maintain low histamine levels. It is also a powerful antioxidant and a good source of sulfur, which neutralizes free radicals and helps promote healthy skin, coat and nails. Essential for the absorption, transportation, and bioavailability of selenium and zinc in the body. Promotes mood balance and improves overall quality of life. Supports healthy liver and protects healthy joints. Main sources – Alfalfa, Blue Green Algae, Brewer’s Yeast, Chicken Liver, Whey Protein (feline formula).

References:

Studies relating to the importance of L-methionine for immune system activity:


L-ORNITHINE

An amino acid that supports liver and kidney function1. Supports immune system health by strengthening the thymus gland. A strong thymus gland produces T cells to protect the body against harmful microorganisms3. Helps maintain healthy nitrogen levels in the body1. Precursor of L-glutamic acid. Main sources – Alfalfa, Blue Green Algae, Brewer’s Yeast, Chicken Liver, Whey Protein (feline formula).

References:

Studies relating to L-ornithine’s importance to healthy immune function:


MAGNESIUM

All-purpose mineral that plays an important role in the body's assimilation and utilization of nutrients. Helps the body convert carbohydrates, fats, protein, calcium, phosphorus, and potassium into energy. Supports the production of red blood cells which also allows for improved energy. Provides support for strong, healthy bones, teeth, arteries, cardiovascular health, and the nervous system. When combined with vitamin B12 helps promote mood balance and improves overall quality of life. Found in: Alfalfa, Blue Green Algae, Chicken Liver, Shark Cartilage, Whey Protein (feline formula.)

References:

Studies relating to magnesium's contribution to energy levels and overall health:


MANGANESE

Essential trace mineral needed for normal skeletal, brain and nerve development. Helps the body form connective tissue and blood clotting factors. When taken in combination with copper and zinc helps protect healthy bones. Needed for the proper lubrication of the joints and helps support healthy joints. Required for protein, fat and carbohydrate metabolism. Needed for calcium absorption and blood sugar regulation. Helps promote mood balance and improve energy. A key component in the antioxidant enzyme superoxide dismutase (SOD), which helps combat free radicals. Found in: Chicken Liver, Shark Cartilage, Whey Protein (feline formula.)

References:


Studies relating to manganese’s contributions to immune system health:


OYSTER SHELL

Provides calcium and phosphorus in the proper ratio for structural integrity of bones and teeth. Calcium supports the function of virtually every cell in the body. It is vital to maintain a normal heart beat and functioning of the heart. Aids in the contraction and relaxation of muscles, expanding mobility. Promotes healthy nerves and cardiovascular health. Calcium and Phosphorus are essential for blood clotting, proper cell growth, nervous system function and kidney function. Phosphorus acts a pH buffer in the body enhancing protein and enzyme function.

References:

Studies relating to the importance of calcium for proper cell function:


PAPAIN

Natural enzyme found in the papaya. Aids in protein digestion and metabolism. Aids in the digestion of gluten, a protein found in pet foods that use grains, by neutralizing ammonia supporting healthy digestion. The unique ability of Papain to break down protein and convert a portion of it into arginine is extremely important because arginine, in its natural form, has been found to influence the production of HGH. HGH, produced in the pituitary gland, is directly responsible for DNA and RNA replication as well as synthesis in liver, muscle, cartilage, and adipose tissues. HGH helps to increase muscle tone and decrease body fat. Helps to cleanse the tissues and walls along the gastrointestinal tract. A powerful antioxidant known support cell, gland, and organ function by neutralizing free radicals.

References:

Studies relating to the benefits of papain’s antioxidant properties:


PHOSPHORUS

An essential mineral that works synergistically with calcium to promote healthy bones and teeth\(^1\). Supports healthy kidney function by aiding in waste filtration\(^1\). Protects healthy joints\(^1\). Needed for the growth and repair of all tissues and cells. Aids in the production of DNA and RNA. Plays a key role in how the body utilizes energy. Found in: Alfalfa, Blue Green Algae, Chicken Liver, Oyster Shell, Shark Cartilage, Whey Protein (feline formula.)

References:

PINE BARK (Pycnogenol®)

Extracted from the bark of French maritime pine trees, Pycnogenol® contains a natural blend of bioflavonoids. An effective antioxidant known to reduce oxidative damage to cells and vital tissues caused by free radicals; as well as, improve energy and promote joint health. Studies have shown that the naturally-occurring proanthocyanidins that are contained in pine bark have 20 times more antioxidant power than Vitamin C and 50 times more antioxidant power than Vitamin E. Can readily cross the blood-brain barrier to protect vital brain and nerve tissue from oxidation. It has been shown to reduce histamine production, thereby helping the lining of arteries resist mutagen attacks, supporting cardiovascular health. May help with mood balance. Promotes skin and coat health by protecting from photoaging.

References:

Studies relating to pine bark’s importance to immune system health:


POTASSIUM

Important for maintaining regular heart rhythm, healthy nervous system and correct muscle function. Works with sodium to regulate the amount of water in the cells. Protects healthy bones by aiding in the absorption of Calcium\(^2\). Supports a healthy urinary tract by keeping pH balanced and waste materials dissolved\(^1\). Found in: Alfalfa, Shark Cartilage, Whey Protein (feline formula.)

References:

Studies relating to potassium’s role in urinary health and calcium absorption:


SELENIUM

Essential trace mineral whose principle function is to inhibit the oxidation of lipids (fats). A mineral needed for pancreatic function and tissue elasticity. Plays a vital role in regulating thyroid hormone and fat metabolism. When combined with Vitamin E, it works synergistically to aid in the production of antibodies and helps to maintain a healthy heart and liver. Helps maintains a healthy immune system. It plays an important role in the formation of antioxidant enzymes which protect against cell damage. Found in: Chicken Liver.

References:

Studies relating to selenium’s importance to the immune system:


SERINE

An amino acid that supports healthy muscle growth and a healthy immune system. It is a protein building block and precursor to other amino acids like l-cysteine, glycine, and tryptophan. Serine proteases (enzymes) are the central components of the body’s complement system, which coordinates the immune response by recognizing and eliminating invading pathogens and altered host cells. Promotes the metabolism of fats and fatty acids. Main sources – Alfalfa, Blue Green Algae, Brewer’s Yeast, Chicken Liver, Whey Protein (feline formula).

References:

Studies relating to serine’s contributions to a healthy immune system:


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SHARK CARTILAGE

(Sourced from non-endangered species.) – An effective source of vitamins that supports healthy bones and muscles. Clinically, it has been shown to help maintain a strong and healthy immune system. Rich in naturally-occurring collagens and glycoproteins, which play essential roles in cell adhesion and tissue formation, supporting healthy muscle and organ function\(^1\). Its rich nutrients also help fortify the body against harmful bacteria, viruses and fungi. Collagen, alongside of vitamin C, supports healthy skin\(^3\).

References:

Studies relating to shark cartilage’s contributions to skin and muscle health:

   https://academic.oup.com/glycob/article/9/10/1023/567789/Interaction-between-collagens-and


TAURINE

(Feline formula only) – An essential amino acid that cats require as part of their diet that has a wide range of uses in the body. Taurine occurs naturally in dogs; however, cats must obtain all their taurine from their diet as their bodies cannot synthesize the taurine compound. Taurine’s many functions include bile production, modulation of calcium signaling, and support of the cardiovascular, central nervous, and skeletal systems. Helps maintain healthy blood pressure levels and promotes a healthy immune system. Aids in the digestion of fats in the small intestine. It helps maintain the health of the heart muscle and healthy cholesterol levels by supporting the liver. It balances the levels of sodium, potassium and magnesium in the cells. Supports the integrity of the retina of the eye. Found in: Brewer's Yeast, Chicken Liver, Whey Protein (feline formula).

References:

Studies relating to the importance of taurine to the immune system:


THREONINE

An essential amino acid that supports a healthy liver and promotes fat metabolism\textsuperscript{2}. Essential amino acids are required by an animal’s body to support healthy cell, gland and organ function, but can’t produce them in their own body\textsuperscript{1}. They must come from diet. Helps keep the body’s proteins in balance. Like L-ornithine, threonine stimulates the thymus gland to produce more T cells, which fight invading microorganisms and aid in immune system function\textsuperscript{3}. Main sources – Alfalfa, Blue Green Algae, Brewer’s Yeast, Chicken Liver, Whey Protein (feline formula).

References:


Studies relating to threonine’s importance to healthy immune system activity:


TYROSINE

An amino acid that supports a healthy nervous system and thyroid function. Used by the body’s cells to synthesize protein. When combined with L-lysine, L-alanine, and L-glutamic acid, L-tyrosine assists with immune system regulation and boosts antibody production. Supports healthy hormone production and mood balance. Main sources – Alfalfa, Blue Green Algae, Brewer’s Yeast, Chicken Liver, Whey Protein (feline formula).

References:

Studies relating to L-tyrosine’s role in supporting a healthy nervous system and immune function:


VITAMIN B COMPLEX

B vitamins are crucial for overall animal health. Helps the functioning of the brain and the nervous system by supporting the development of neural tubes and promoting healthy nerve cells. Promotes muscle tone in the gastrointestinal tract. Helps to maintain healthy skin, coat, eyes, mouth and liver. Helps metabolize fats, proteins, and carbohydrates to glucose which can improve energy. Found in: Alfalfa, Brewer’s Yeast, Chicken Liver.

References:

1. University of Maryland Medical Center. Vitamin B12. Web URL:  
   http://www.umm.edu/health/medical/altmed/supplement/vitamin-b12-cobalamin

2. University of Maryland Medical Center. Vitamin B2. Web URL:  
   http://www.umm.edu/health/medical/altmed/supplement/vitamin-b2-riboflavin

Studies relating to the importance of the Vitamin B complex for proper neural tube development:

VITAMIN B1 (THIAMINE)

Essential vitamin that supports healthy functioning of the heart, nerves, muscles, skin and digestive system. Contains strong antioxidant properties. Helps strengthen and protect the body against free radical damage. Helps maintain healthy nerve and brain function. Supports immune system and healthy metabolic activity. May support healthy eye function and help with discolored eyes. May improve energy. Found in: Alfalfa, Brewer’s Yeast, Chicken Liver.

References:

Studies relating to thiamine’s importance to immune response and overall health:


VITAMIN B2 (RIBOFLAVIN)

Necessary for carbohydrate-fat-protein metabolism, and red blood cell and antibody formation. Important for energy production. Acts as an antioxidant. Essential for maintaining healthy eyes, skin, and coat. A strong skin and coat help to protect the body from harmful pathogens. May help with discolored eyes. Promotes longevity of life by protecting against oxidative damage to cells and tissues. May help with mood balance.

Found in: Alfalfa, Brewer’s Yeast, Chicken Liver.

References:

Studies relating to riboflavin’s effects on oxidative damage and eye health:


VITAMIN B3 (NIACIN)

Promotes proper growth and function of the nervous system. Shown to lower elevated cholesterol and improve circulation. Also helps maintenance of healthy skin, tongue and digestive system. Promotes healthy eyes and may help with discolored eyes. Helps the body convert carbohydrates into glucose, producing energy. Found in: Alfalfa, Brewer’s Yeast, Chicken Liver.

References:

1. Vitamin B3 (Niacin). University of Maryland Medical Center. Web URL: www.umm.edu/health/medical/altmed/supplement/vitamin-b3-niacin

Studies relating to niacin’s importance to eye health:

VITAMIN B5 (PANTOTHENIC ACID)

Plays an important role in the production of the adrenal hormones and helps with mood balance. Needed for normal functioning of the gastrointestinal tract by aiding in the breakdown of fats and carbohydrates. Plays an essential role in the production red blood cells and the formation of antibodies. Aids the body in using other members of the vitamin B complex. Enhances overall immune function and has been proved effective in maintaining good skin health. Found in: Alfalfa, Brewer’s Yeast, Chicken Liver.

References:


Studies relating to pantothenic acid’s value to immune system health:


VITAMIN B6 (PYRIDOXINE)

Necessary for carbohydrate-fat-protein metabolism and antibody formation. Plays an important role in immune system function by supporting red blood cell and immune system cell production and neutralizing free radicals. Aids digestion. Promotes healthy organ and system function by helping in the formation of neurotransmitters, which foster cell to cell communication\(^1\). Needed for normal brain function and helps regulate mood. Supports healthy cognitive function\(^2\). Found in: Alfalfa, Blue Green Algae, Brewer's Yeast, Chicken Liver.

References:

1. University of Maryland Medical Center. Vitamin B6 (Pyridoxine). Web URL: http://www.umm.edu/health/medical/altmed/supplement/vitamin-b6-pyridoxine

Studies relating to pyridoxine’s importance to immune system function:


VITAMIN B12 (COBALAMIN)

Helps maintain the fatty sheaths that cover and protect nerve endings and maintain neurological function. Aids in cell formation and cellular longevity. Helps in the utilization of iron. Important for maintaining healthy red blood cells and may improve energy. Vitamin B12 works with vitamins B6 and B9 to help control blood levels of the amino acid homocysteine. When combined with magnesium helps promote mood balance and improves overall quality of life. Found in: Alfalfa, Blue Green Algae, Brewer’s Yeast, Chicken Liver.

References:


Studies relating to methylcobalamin’s importance to immune and stress response:


VITAMIN C (ESTER C®)

A powerful antioxidant that is vital for the immune system and a myriad of metabolic processes in the body. Promotes the formation of collagen which supports healthy skin. Also supports healthy tissue and cell growth. Aids in proper adrenal gland function. Helps to eliminate toxic substances such as heavy metals from the body. Supports healthy eyesight. Alongside of iron helps support a healthy immune system. May promote healthy mood balance. Found in: Alfalfa, Blue Green Algae, Chicken Liver.

References:


Studies relating to Ester C’s® role in stress reduction and healthy skin:


VITAMIN D

Promotes healthy immune and cardiovascular system by supporting healthy veins and arteries. Benefits the immune system by modulating the body’s response to sensitivities. Aids in the absorption of calcium to support strong bones. Found in: Alfalfa.

References:

1. University of Maryland Medical Center. Vitamin D. Web URL: http://www.umm.edu/health/medical/altmed/supplement/vitamin-d

Studies relating to Vitamin D’s importance to immune system function:


VITAMIN E

A very effective antioxidant that protects the cell structure against free radicals. Aids in the utilization of Vitamin A. Important for maintaining a healthy immune system, blood circulation and proper formation of tissue and cell growth. Supports cardiovascular health, red blood cells and neurological function. Supports healthy eyes and sight. Found in: Alfalfa, Blue Green Algae.

References:

Studies relating to the effects of Vitamin E against oxidative damage and for cardiovascular health:


VITAMIN K

Supports healthy immune and cardiovascular system. Used by the body's immune system to form blood clots. Possesses strong antioxidant properties and provides protection against the effects of free radical damage. Found in: Alfalfa, Chicken Liver.

References:

1. University of Maryland Medical Center. Vitamin K. Web URL: http://www.umm.edu/health/medical/ency/articles/vitamin-k


Studies relating to the benefits of Vitamin K's antioxidant properties:

WHEY PROTEIN

(Feline formula only) - A highly-digestible and complete protein containing 20 amino acids including methionine, lysine, and taurine. Cats are unable to produce the amino acid taurine, which is important in promoting a healthy immune system along with other body functions (see Taurine). Lysine supports healthy eyes and may help with discolored eyes. High protein levels help strengthen the immune system. Contains peptides that help boost the immune system.

References:


Studies relating to whey protein’s ability to strengthen the immune system:


ZINC

Required for protein synthesis and collagen formation. Promotes normal growth and development. Enhances cell division and repair. Helps to maintain normal levels of Vitamin A in the body. Works with red blood cells to move carbon dioxide from the tissues to the lungs. Helps synthesize DNA and RNA. Functions as an important antioxidant. Promotes a healthy immune system. When taken in combination with manganese and copper helps protect healthy bones. Found in: Alfalfa, Chicken Liver, Shark Cartilage, Whey Protein (feline formula).

References:


   Studies relating to zinc’s antioxidant functions and importance to immune system health:
