Ascorbplex 1,000 (Buffered)
Antioxidant and Immune Support

DESCRIPTION
Ascorbplex 1,000 (Buffered), provided by Douglas Laboratories, contains 100% pure vitamin C (L-ascorbic acid), specially buffered with calcium, magnesium, and potassium, with additional pectin and bioflavonoid complex.

FUNCTIONS
Vitamin C (ascorbic acid) has numerous biological functions. Foremost, it is essential for the synthesis of collagen and glycosaminoglycans which are the building materials of all connective tissues, such as skin, blood vessels, tendons, joint cartilage and bone. Vitamin C is the required coenzyme for two groups of enzymes that catalyze the crosslinking of collagen fibers - lysyl hydroxylases and prolyl hydroxylases. As such, vitamin C is essential for normal wound healing and capillary health.
Vitamin C participates in the biosynthesis of carnitine, serotonin, and certain neurotransmitters, including norepinephrine.
Vitamin C is among the most powerful antioxidants in humans and animals. It is a water-soluble, chain-breaking antioxidant that reacts directly with superoxide, hydroxyl radicals, and singlet oxygen. Laboratory studies show that vitamin C completely protects lipids in plasma and low-density lipoproteins (LDL) against atherogenic peroxidative damage. In addition, vitamin C interacts with glutathione and alpha-lipoic acid, and regenerates vitamin E. The antioxidant functions of vitamin C appear to have clinical significance in providing protection from free radical damage to the eyes, lungs, blood and the immune system.
Research has also demonstrated ascorbic acid's ability to positively affect function of the immune system by optimizing synthesis of integral components of our immunological defenses.
Vitamin C is absorbed in the small intestine by a sodium-dependent transport process that is intake dependent. At normal dietary intakes of 60 to 100 mg, up to 80 or 90% of the vitamin C is absorbed. At higher intakes, absorption becomes less efficient. Absorption efficiency and vitamin C utilization may be greatly enhanced during conditions of physiological stress, such as trauma or infection.

INDICATIONS
Ascorbplex 1,000 (Buffered) tablets may be a useful dietary supplement for individuals who wish to obtain the antioxidant action of vitamin C in a buffered mineral ascorbate form that may minimize stomach irritation associated with the acidity of regular vitamin C preparations.

FORMULA (#7563)
1 tablet Contains:
Vitamin C .............................................................. 1,000 mg
(Ascorbates and L-Ascorbic acid)
Calcium ................................................................. 90 mg
Magnesium .......................................................... 400 mcg
Potassium ............................................................. 60 mg
Proprietary blend...................................................... 125 mg
(Citrus Pectin and bioflavonoid complex)

SUGGESTED USE
Adults take 1 tablet daily with meals or as directed by a healthcare professional.

SIDE EFFECTS
No adverse effects have been reported.
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STORAGE
Store in a cool, dry place, away from direct light. Keep out of reach of children.

REFERENCES

For more information Pantothenic Acid visit douglaslabs.com

† These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.