

Anti-oxidant

Wide spectrum antioxidant protection

DESCRIPTION

Anti-oxidant, provided by Douglas Laboratories, is a potent antioxidant dietary supplement that includes not only antioxidant vitamins such as vitamin C and vitamin E, but also other nutrients that effectively participate in our body's antioxidant defense systems.

FUNCTIONS

Body cells and tissues are threatened continuously by damage caused by toxic free radicals and reactive oxygen species (e.g., peroxides) which are produced during normal oxygen metabolism, by other chemical reactions, and by toxic agents in the environment. Free radicals, once formed, are capable of disrupting metabolic activity and cell structure. When this occurs, additional free radicals are produced which, in turn, can result in more extensive damage to cells and tissues. The uncontrolled production of free radicals is thought to be a major contributing factor to many degenerative pathologies.

The body's antioxidant defense system is more than the sum of its parts. That's because antioxidants depend on each other for ongoing effectiveness. For example, beta-carotene supports vitamin E, recognized as the body's most valuable fat soluble antioxidant. It prevents oxidation of unsaturated fatty acids by inactivating free radicals, thus stabilizing and protecting cell membranes, e.g. in the lungs, eyes, and arteries. Vitamin E can be regenerated by vitamin C.

Vitamin C is a potent water-soluble antioxidant nutrient, also protecting cells from oxygen free radical damage. It is essential for connective tissue and bone metabolism, capillary health, and immune function. Vitamin C works together with vitamin E. When vitamin E is inactivated by neutralizing free radicals, vitamin C regenerates it back to full activity. In this process, however, vitamin C is oxidized and loses its antioxidant activity. Glutathione reactivates vitamin C, while selenium and B-vitamins are needed to keep glutathione effective.

Glutathione is a naturally occurring tripeptide which is a major component of two anti-free radical enzymes - glutathione peroxidase and glutathione reductase. As such, glutathione offers one mechanism for scavenging toxic free radicals and inhibiting peroxidation thereby slowing down free-radical catalyzed chain reactions. Glutathione can also reactivate (reduce) oxidized vitamin C. Glutathione *per se* is well absorbed in the intestine, and enters the blood and other extracellular compartments where it exerts much of its beneficial antioxidant effects. However, it can not effectively enter the cell.

INDICATIONS

Antioxidant may be a useful nutritional adjunct for individuals who wish to increase their intake of a wide spectrum of nutritional antioxidants.

FORMULA (#7468)

3 Capsules Contain:

Vitamin C	200 mg
(as Ascorbic Acid/Ascorbyl Palmitate complex)	
Bioflavonoids	200 mg
L-Cysteine	200 mg
Choline Bitartrate	200 mg
Inositol.....	200 mg
Vitamin E.....	150 I.U.
L-Methionine.....	20 mg
Vitamin A(as Beta Carotene).....	12,500 I.U.
Vitamin B-1	40 mg
Vitamin B-2	20 mg
Niacinamide.....	20 mg
Pantothenic Acid	20 mg
Vitamin B-6(as Pyridoxal-5-Phosphate).....	20 mg
DMG (Dimethylglycine)	20 mg
Glutathione	15 mg
Selenium (as Selenium Krebs).....	50 mcg

SUGGESTED USE

Adults take 3 capsules daily with meals or as directed by physician.

SIDE EFFECTS

No adverse side effects reported.

STORAGE

Store in a cool, dry place, away from direct light.
Keep out of reach of children.

REFERENCES

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**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.**

**Manufactured by
Douglas Laboratories
600 Boyce Road
Pittsburgh, PA 15205
800-245-4440**