



(Multivitamin, Multimineral & Antioxidant Chocolate Coated Tablets)

Composition:

Each Chocolate Coated Tablet Contains:

Giloy.....	100 mg
Vitamin A.....	5000 I.U
Vitamin B1 (as Thiamine).....	1.4 mg
Vitamin B3 (as Riboflavin)	1.6 mg
Vitamin B5 (as Calcium Pantothenate).....	5 mg
Vitamin B6 (as Pyridoxine HCL).....	2 mg
Vitamin B12 (as Cyanocobalamin)	1 mcg
Vitamin C.....	40mg
Vitamin D	400 I.U
Vitamin E.....	10 mg
Vitamin K.....	55 mcg
Ferrous Fumarate.....	45 mg
Lycopene (6%).....	5 mg
Copper.....	2 mg
Manganese Sulphate.....	2.8 mg
Magnesium.....	30 mg
Zinc Sulphate.....	10 mg
Potassium iodide.....	100 mcg
Chromium.....	50 mcg
Selenium.....	40 mcg
Biotin	30 mcg
Boron	150 mcg
Molybdenum.....	25 mcg
Excipients.....	q.s.

Clinical Pharmacology

Giloy- its constituents possess the immune-stimulating properties. Its constituent α -D-glucan stimulate NK cells, B cells, and T cells with simultaneous production of various immune-stimulatory cytokines. A polysaccharide in giloy, G1-4A, has been shown to inhibit the intracellular growth of Mycobacterium tuberculosis.

Vitamin A, carotenoids and palmitates are effective antioxidants for inhibiting the development of heart disease. Vitamin A is crucial for maintaining vision, promoting growth and development, and protecting epithelium and mucus integrity in the body. Vitamin A is known as an anti-inflammation vitamin because of its critical role in enhancing immune function.

Lycopene increases carotenoid concentrations and the resistance of lymphocytes to oxidative stress. There by increasing immune response. Lycopene is the most potent antioxidant among various common carotenoids. Lycopene can trap singlet oxygen and reduce mutagenesis. Lycopene has been found to inhibit proliferation of several types of cancer cells, including those of breast, lung, and endometrium.

Zinc is an essential element for various physiological activities in the body such as cell growth, cell differentiation and development. It shows catalytic activity for various enzymes in both plants and animals. Zinc plays important role in boosting the immune system by keeping immune system strong.

Vitamin B complex are one of the most essential group of vitamins and vital in maintaining the health of the nervous system, skin, eyes, hair, liver, brain function, muscle tone and gastrointestinal tract. These vitamins together are responsible for helping enzymes release from food , promote proper metabolism, give cells plenty of oxygen, detoxify organs, stabilize your nervous system functions, keep skin and hair healthy, prevent defective vision and have also been used in the treatment of debilitating conditions.

Vitamin C contributes to immune defense by supporting various cellular functions of both the innate and adaptive immune system. Vitamin C supports epithelial barrier function against pathogens and promotes the oxidant scavenging activity of the skin, thereby potentially protecting against environmental oxidative stress.

Minerals are inorganic substances, and their presence is necessary for the maintenance of certain physicochemical processes which are essential to life. Minerals are chemical constituents used by the body in many ways. Although they yield no energy, they have important roles to play in many activities in the body. Magnesium, copper, selenium, boron, iron, manganese and molybdenum are important co-factors found in the structure of certain enzymes and are indispensable in numerous biochemical pathways. Sodium, potassium and

chlorine are important in the maintenance of osmotic balance between cells and the interstitial fluid

Indications

Multivitamins, Multimineral, are used to provide vitamins and minerals that are not taken in through the diet. Multivitamins are also used to treat vitamin deficiencies (lack of vitamins) caused by illness, pregnancy, poor nutrition, digestive disorders, and many other conditions. Antioxidants like Vitamin A & Lycopene helps scavenge free radicals in body. There by enhancing immune response all together.

Contraindications

- Impaired renal function
- Nephrolithiasis

Precautions and Warnings

Vismart contains multivitamins. Do not use if you are allergic to multivitamins or any ingredients contained in this formulation. Keep out of reach of children. In case of overdose, get medical help.

Drug Interactions

Giloy might decrease blood sugar. Diabetes medications are also used to lower blood sugar. Taking Vismart along with diabetes medications might cause your blood sugar to go too low. The dose of diabetes medication might need to be changed.

Warfarin- Vismart contains vitamin K which may reduce the effectiveness of warfarin. This may be more likely to occur in individuals who have low levels of vitamin K in their blood.

Adverse effects

Upset stomach, headache, or unusual or unpleasant taste in your mouth.

Overdosage

Overdose symptoms may include stomach pain, vomiting, diarrhea, constipation, loss of appetite, hair loss, peeling skin, tingly feeling in or around your mouth, changes in menstrual periods, weight loss, severe headache, muscle or joint pain, severe back pain, blood in urine, pale skin, and easy bruising or bleeding.

Route of administration: Oral.

Type of tablet: Chocolate coated tablet.

Dosage: 1 Tablet a day, or as directed by physician.

Storage

Store in cool, dark and dry place.

Presentation: Epione Vismart Chocolate Coated tablet available as 10x 10 Tablet.

Marketed By:



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