

Immuplex[®]

4935 & 4960

Please Copy for Your Patients

Immuplex Contains Zinc, Selenium and Vitamins B₆ and C

Minerals and vitamins are trace elements and dietary cofactors that we must ingest along with the protein and carbohydrates that make up the bulk of our diet. Many are enzymes or catalysts, substances that enable basic processes such as digestion, circulation, and even thought. Others become the material of our bodies, such as the calcium in our bones and the iron in our blood. Others guard our health. Zinc and selenium are antioxidant minerals that protect the body against the damage of reactive and poisonous oxygen molecules called 'free radicals.'[†]

How Immuplex Keeps You Healthy

Zinc is an essential component in the production of T and B lymphocytes—white blood cells that are key immune system fighters

Lymphocytes are formed by the billions daily in bone marrow. B-type lymphocytes mature in bone marrow, while T cells move to the thymus gland for maturation into helper cells (CD4 cells) and cytolytic cells (CD8 cells). Even marginal zinc deficiencies have been shown to drastically reduce the number produced, their maturation, and longevity. Furthermore, zinc deficiency stimulates the production of corticosteroid, a stress hormone that kills immature lymphocytes. Finally, adequate zinc is also required for the lymphocytes to produce many protective compounds that are part of the body's defense system, including interleukin-2, gamma interferon, and tumor necrosis factor.[†]

Selenium is a critical constituent of several immune system components

Selenium plays a key role in the immune system. It is a constituent of a class of three antioxidant enzymes called glutathiones. Mild supplementation of selenium above the Recommended Daily Intake (RDI) (intakes between 0.5 and 2 mg/kg) increases measurable immune functions; there is more immunoglobulin and interferon, and cellular immune response, interleukin; 2 factors expression, and activated T and natural killer cell cytotoxicity all increase.[†]

Vitamin B₆ is essential for immune system function

Vitamin B₆ is an essential component of two key immune system substances, the enzyme serine hydroxymethyltransferase and the glutathiones antioxidants. The body produces these in profusion in response to immune challenges.[†]

Vitamin B₆ is important for maintaining immune function in older people

Vitamin B₆ deficiency, which is common among older people, can cause immune problems, such as decreased lymphocyte multiplication, reduced release of immune-fighting factors like cytokinins, and lower antibody response.[†]

Vitamin C maintains normal immune function in the face of physical and environmental stress

As a key antioxidant and a participant in many body reactions, vitamin C is needed to maintain immune function. It protects leukocytes against their own poisons, which they emit in their immune functioning.[†]



Introduced in:

1984

Content:

40 Capsules - 4935

150 Capsules - 4960

Supplement Facts:

Serving Size: 2 capsules

Servings per Container: 20 or 75

		%DV
Calories	4	
Cholesterol	5 mg	2%
Vitamin A	1,585 IU	30%
Vitamin C	54 mg	90%
Vitamin E	7.4 IU	25%
Vitamin B ₆	2 mg	100%
Folate	100 mcg	25%
Vitamin B ₁₂	2 mcg	35%
Iron	5 mg	30%
Zinc	9 mg	60%
Selenium	6 mcg	8%
Copper	180 mcg	10%
Chromium	30 mcg	25%

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

Immuplex®

What Makes Immuplex Unique

Unique Product Attributes

Immuplex is a combination formula

- Allows it to effect multiple systems to support the immune system response†

Contains Protomorphogen™ Extracts

- Standard Process' unique manufacturing method of deriving tissue cell determinants from animal glands and organs
- Help provide cellular support and rehabilitation in corresponding human tissues
- Important antigenic properties of nucleoprotein-mineral determinants, the foundation of this product†

Unique Processing

Exclusive low-temperature, high-vacuum drying technique

- Preserves the enzymatic vitality and nutritional potential of ingredients

Not disassociated into isolated components

- The nutrients in Immuplex are processed to remain intact, complete nutritional compounds

Degreed microbiologists and chemists in our on-site laboratories constantly conduct bacterial and analytical tests on raw materials, product batches, and finished products

- Ensures consistent quality and safety

Vitamin and mineral analyses validate product content and specifications

- Assures high-quality essential nutrients are delivered

Whole Food Philosophy

Dr. Lee challenged common scientific beliefs by choosing a holistic approach of providing nutrients through whole foods. His goal was to provide nutrients as they are found in nature—in a whole food state where he believed their natural potency and efficacy would be realized. Dr. Lee believed that when nutrients remain intact and are not split from their natural associated synergists—known and unknown—bioactivity is markedly enhanced over synthetic nutrients. Following this philosophy, even a small amount of a whole food concentrate will offer enhanced nutritional support, compared to a synthetic or fractionated vitamin. Therefore, one should examine the source of nutrients rather than looking at the quantities of individual nutrients on product labels.

Two capsules supply 165 mg bovine liver PMG™ extract, 80 mg veal bone PMG™ extract, 45 mg bovine spleen PMG™ extract, 40 mg bovine and ovine spleen, 35 mg bovine thymus PMG™ extract, and 35 mg bovine thymus Cytosol™ extract.

Proprietary Blend: *Bovine liver PMG™ extract, veal bone PMG™ extract, nutritional yeast, bovine spleen PMG™ extract, bovine thymus PMG™ extract, bovine thymus Cytosol™ extract, bovine liver, bovine spleen, and ovine spleen.*

Other Ingredients: *Gelatin, zinc liver chelate, ascorbic acid, iron liver chelate, water, chromium yeast, copper liver chelate, selenium yeast, mixed tocopherols (soy), colors, pyridoxine hydrochloride, calcium stearate, vitamin A palmitate, folic acid, and cyanocobalamin.*

Suggested Use: *Two capsules per meal, or as directed.*

Warning: *Accidental overdose of iron-containing products is a leading cause of fatal poisoning in children under 6. Keep this product out of the reach of children. In case of accidental overdose, call a doctor or poison control center immediately.*

Sold to health care professionals.

Studies on nutrients generally use large doses and these studies, some of which are cited below, are the basis for much of the information we provide you in this publication about whole food ingredients. See the supplement facts for Immuplex®.

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