

# Twice Daily Multi™



*A multi-vitamin/mineral for the maintenance of good health*

*According to Health Canada, most Canadians are not achieving their required daily amounts of vitamins and minerals. Designs for Health's two a day multivitamin was designed to provide effective dosages of nutrients that are difficult to obtain in the typical daily diet, such as 158 mg of mixed tocopherols, 200 mcg of selenium, 400 mcg of chromium, 500 mg vitamin C and 400 mcg folates. Calcium and magnesium were purposely left out since they should be taken separately at therapeutic doses.*

*Twice Daily Multi utilizes the most efficiently absorbed mineral forms available: true Albion chelates. These minerals are sourced from our raw materials supplier Albion Advanced Nutrition with the best mineral technology in the industry.*

## **Twice Daily Multi Unique Features:**

- Rich in immune enhancing antioxidant nutrients vitamins C, E, and lipoic acid.
- High in B-6, folates and B-12, all of which help lower serum homocysteine. Elevated homocysteine is increasingly recognized as a risk factor for heart disease and birth defects.
- High in chromium, a trace mineral essential for healthy sugar and fat metabolism. Most diets contain less than 60% of the minimum suggested intake of chromium. Insufficient intakes of chromium lead to signs and symptoms of diabetes and cardiovascular disease. Supplemental chromium given to those with impaired glucose tolerance or diabetes leads to improved blood glucose, insulin, and lipid variables. Chromium also improves lean body mass.
- Contains NatureFolate™, our blend of active, naturally-occurring folates.
- Balanced in iodine and selenium content. Both trace minerals must be present in the correct proportion in order to support the health of the thyroid. Imbalanced intake of iodine and selenium should be avoided as this may impair thyroid function.
- Rich in boron, which is essential for bone health and optimal mental energy.
- Contains sufficient biotin for healthy fat and blood sugar metabolism, and healthy nails.
- Rich in zinc, needed for immune function, protein synthesis, and appetite control.
- Free of calcium and magnesium, which require dosing according to individual needs.

### **Twice Daily Multi: NPN80050926**

#### **Medicinal Ingredients (per capsule):**

Vitamin B3 (Niacinamide).....	15 mg
Biotin.....	150 mcg
Boron (Boron glycinate).....	1 mg
Chromium (Chromium nicotinate, Chromium bisglycinate).....	200 mcg
Pantothenic acid (Calcium-d-pantothenate).....	25 mg
DL-alpha-Lipoic acid.....	10 mg
Folate (Brassica oleracea var. italica-herb top).....	200 mcg
Iodine (Potassium iodide).....	37.5 mcg
Manganese (Manganese bisglycinate).....	1.5 mg
Mixed carotenoids (Daucus Carota-Root).....	9.8 mg
Tocopherols (Mixed tocopherol concentrate) (d-alpha Tocopherol, gamma-Tocopherol, delta-Tocopherol).....	79 mg
Molybdenum (Molybdenum bisglycinate).....	50 mcg
Vitamin B2 (Riboflavin).....	15 mg
Selenium (Selenium glycinate).....	100 mcg
Thiamine (Thiamine hydrochloride).....	25 mg
Vitamin A (Vitamin A palmitate).....	226.6 mcg AT (1200 IU)
Vitamin B12 (Methylcobalamin).....	250 mcg
Vitamin B6 (Pyridoxine hydrochloride).....	25 mg
Vitamin C (Ascorbic acid).....	250 mg
Vitamin D (Cholecalciferol).....	6.25 mcg (250 IU)
Zinc (Zinc bisglycinate).....	7.5 mg

**Non-Medicinal Ingredients:** Microcrystalline cellulose, silicon dioxide, vegetable stearate.

For minerals to properly form coordinate covalent bonds with amino acids, they must be mixed in liquid solution. These bonds cannot form in a dry environment or in powdered form. True chelates need to be small enough in molecular weight to be absorbed by the body, are absorbed better than mineral salts and are better retained in body tissue. Additionally, chelated minerals are better tolerated than non-bound mineral salts. Since they are better tolerated and absorbed, chelates are less likely to cause loose stools or other gastrointestinal discomfort.



# WHAT ARE TRUE CHELATES?

These ligands are important as the chelated compound will remain chelated throughout the gut and into the bloodstream. Mineral salts from non-true chelates often break apart in the stomach, leaving the body with ionized mineral and extra compound to deal with. Ionic minerals can interfere with the absorption of other minerals such as iron and zinc whereas chelated minerals do not.

Albion minerals are mainly chelated with glycine due to its low molecular weight. Glycine helps to slow the degeneration of muscle tissue by aiding the synthesis of creatine. Glycine is involved in energy production, formation of amino acids for the immune system, CNS function, and prostate health.

## Additional Multivitamins Available From Designs for Health

### **DFH Complete Multi™**

This classic 6-per-day full-spectrum multivitamin includes Albion chelated minerals for maximum bioavailability, high gamma tocopherol vitamin E, natural mixed carotenoids from palm tree fruit—the best source of preformed vitamin A—and additional supportive nutrients not typically found in multivitamins such as alpha lipoic acid, TMG, fruit bioflavonoids, even choline and inositol. It contains a hefty dose of all the B vitamins easily depleted by stress: B-12 in the ideal methylcobalamin form, 500 IU of vitamin D, and calcium and magnesium in a 1:2 ratio. This copper and iron free formula has been designed for those with high oxidative stress or elevated metals, men receiving adequate iron in their diets, and menopausal women. Two capsules with each meal is recommended.

### **DFH Complete Multi™ with Copper and Iron**

This formula is appropriate for teenagers, menstruating females, lactating women, and those who avoid eating red meat.

### **DFH Complete Multi™ with Copper**

This version contains 2 mg of copper as copper glycinate chelate, a stabilized mineral chelate from Albion Minerals that reduces the risk of free copper in the body, which could cause oxidative stress. This multi is iron free.

### *References*

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