



# ATP Cofactors<sup>®</sup>

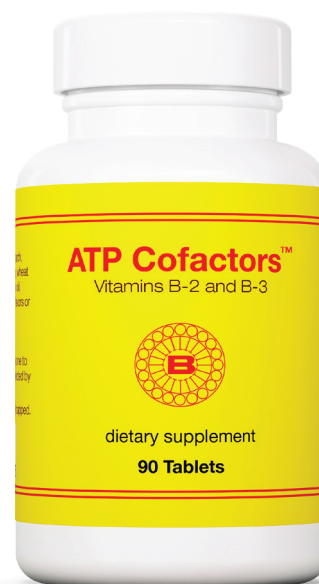
## High Potency Vitamins B-2/B-3 Combination

In order to convert food to ATP and use ATP as a source of energy, several micronutrients are required: vitamins, minerals, and trace elements. There is a close interaction and synergism between these micronutrients. ATP Cofactors<sup>®</sup> provides two of these nutrients that are of particular importance, vitamin B-2 (riboflavin) and vitamin B-3 (niacin).

ATP Cofactors<sup>®</sup> should be used as part of a complete nutritional program emphasizing magnesium instead of calcium for best results.\*

### Key Features

- Contains 100 mg of riboflavin and 500 mg of niacin (as inositol hexanicotinate) per tablet
- Niacin and riboflavin are the precursors of the cofactors NADH and FADH<sub>2</sub>, the major electron carriers required for ATP synthesis\*
- Intended to be used as part of a complete nutritional program
- Original Dr. Abraham formulation



SKU #01201  
90 tablets

A human at rest consumes one half of his/her weight of ATP daily. The synthesis of ATP from ADP plus high energy phosphate group is called oxidative phosphorylation and is dependant on the electron flow through the electron transport chain via electron carriers. NADH and FADH<sub>2</sub> are the major electron carriers in the synthesis of ATP. The B vitamins, niacin and riboflavin, are the precursors of the cofactors NADH and FADH<sub>2</sub>. These cofactors play an important role also in the oxidation and organification of iodide by generating hydrogen peroxide via the NADPH oxidase system.

In some conditions, the body cannot efficiently synthesize NADH and FADH<sub>2</sub> from niacin and riboflavin because of defect/damage to the enzymes involved in this conversion.\* More riboflavin and niacin are needed to override the inefficient enzymes in order to obtain adequate levels of cofactors.\* A small pilot study suggested that supplementation of vitamins B2 and B3 in combination with a high dose of elemental iodine may help reduce point tenderness, improving pressure tolerance.\*

We recommend the following multivitamin-mineral combinations:

- For pre-menopausal women:  
Optivite® P.M.T.\*
- For post menopausal women:  
Gynovite® Plus
- For men:  
Androvite® for Men

## Supplement Facts

Serving Size 1 Tablet  
Servings Per Container 90

Amount Per Serving	% Daily Value*	
Riboflavin	100 mg	7692%
Niacin (as Inositol Hexinicate)	500 mg NE	3125%

\* Percent Daily Values are based on a 2,000 calorie diet

Other ingredients: Micosolle® (silica-based excipient), microcrystalline cellulose, stearic acid, silicon dioxide, croscarmellose sodium, magnesium stearate, pharmaceutical glaze.

**Suggested Use:** One to three tablets daily, or as recommended by a healthcare provider. When used in conjunction with Iodoral® 50 mg tablets, the recommended amount is one tablet of ATP Cofactors® for each 50 mg tablet of Iodoral®.

**Warning:** The urine may turn dark yellow due to the excretion of riboflavin and may stain undergarment in subjects with urinary incontinence. The flushing associated with niacin does not occur because the formula uses a non-flushing form of niacin.

**Optimox®**  
Better Health Through Nutrition™

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