

Joint Health Pack With Wobenzym® N

DESCRIPTION

Joint Health Pack combines several joint-supportive products in two convenient packages. This comprehensive pack supplies essential vitamins, minerals, herbs and other nutrients, designed to support the entire joint and musculoskeletal systems.† A separate pack in this bottle includes the authentic German formula Wobenzym® N, a systemic enzyme formulation that contains a blend of enzymes from both plants and animals that has been clinically studied for supporting numerous systemic processes in the body.†

FUNCTIONS

A Multivitamin/mineral support formula contains a blend of herbs and additional nutrients specifically formulated to expedite the healing process that follows injury to tissue structure and function. It also provides a broad spectrum of synergistic proteolytic (protein-specific) enzymes: bromelain, trypsin and chymotrypsin. Proteolytic enzymes, also called proteases, are continuously active in reshaping the tissues throughout the body. Trypsin and chymotrypsin also participate in the normal wound healing process. In addition to proteolytic enzymes, several nutritional cofactors that have important biochemical roles in normal wound healing are included. Vitamin C and bioflavonoids have functions in the formation and maintenance of healthy connective tissue. Zinc is important for normal immune function. Manganese as well as hydroxyapatite, mucopolysaccharides, and chondroitin sulfate are involved in bone and cartilage repair. Bromelain, a protease from the pineapple plant, reduces the production of prostaglandins by modulating the arachidonate cascade which may help to lessen the discomfort associated with injuries. Similar action is provided by chamomile and capsicum.

Resvera-Gold® combines several ingredients to support joint and connective tissue health, including resveratrol (a non-alcoholic polyphenolic constituent of red wine), curcumin (antioxidant compounds found in turmeric), quercetin, green tea and boswellia. Recent studies have demonstrated that resveratrol may help modify the body's normal responses in human and animal cells by way of inhibition of the cyclooxygenase and lipoxygenase pathways. Studies have shown that curcumin, a naturally occurring biologically active group of compounds from *Curcuma longa* (Turmeric), can function as efficient antioxidants in the body. Bioflavonoids such as quercetin can assist in keeping joints and collagen in a healthy condition. Green tea (*Camellia sinensis*) has been used for many centuries as a popular beverage worldwide. The polyphenols contained in tea, often referred to as catechins, appear to provide the primary health promoting benefits associated with green tea. One such catechin, epigallocatechin gallate (EGCG), has many antioxidant properties, in addition to supporting joint and connective tissue health. Preparations of the *Boswellia* plant have been used in traditional Indian medicine for joint health for hundreds of years. It is derived from the gum resin of the Indian frankincense plant. Research shows that it appears to inhibit the lipoxygenase pathway, thus making it valuable tool in joint health.

Hyaluronic Acid™: As joints age, hyaluronic acid, the fluid that provides lubrication between joints and connective tissue, begins to break down. Hyaluronic acid (HA) is a large polysachharide found in connective tissue. HA forms large, bulky molecular chains that allow joints to move smoothly and provides a cushion between the joints. Over time, this fluid begins to lose its bulkiness and often leaks from the joints, with the resulting friction causing discomfort. Initial (but as of yet unpublished) studies on horses and humans indicate that the oral form of HA may be useful for joint health. Douglas Labs' HA is a high molecular weight vegetarian tablet.

Wobenzym® N: For over 60 years, Wobenzym® has been a trusted name for enzyme supplementation. Developed by leading scientists and used by millions of people worldwide, Wobenzym® N has proven to be a safe and useful product. Wobenzym® N is a systemic enzyme formulation that contains a blend of enzymes from both plants and animals that has been clinically studied for supporting numerous processes in the body. Systemic enzyme supplements work directly in the body once they are absorbed in the small intestine, and are not intended to aid in digestion. Consequently, these enzymes can be utilized to assist the body's various

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regulatory and communications systems. Wobenzym® N can help to support healthy joints and muscles, support healthy circulation, support the immune system, and also can help support processes that are involved in healthy aging.† Wobenzym® N tablets are enteric coated to ensure that the enzymes are protected and are not broken down in the stomach. This allows the enzymes to reach the small intestine where absorption may occur.

INDICATIONS

Joint Health Pack may be a useful dietary supplement for individuals wishing to support healthy joint function.

FORMULA (#66401)

Pack #1 Contains:

Vitamin A	10,000 I.U.
(25% as vitamin A acetate/75% [7,500 I.U.] as beta-carotene)	
Vitamin C (ascorbic acid)	500 mg
Vitamin D-3	25 I.U.
Vitamin E (as vitamin E succinate)	100 I.U.
Thiamine (as thiamine HCl)	25 mg
Riboflavin	13 mg
Niacin/Niacinamide	60 mg
Vitamin B-6	13 mg
(as pyridoxine HCl/ pyridoxal-5-phosphate complex)	
Folic Acid	400 mcg
Vitamin B-12 (on ion exchange resin)	50 mcg
Biotin	150 mcg
Pantothenic Acid	75 mg
(as d-calcium pantothenate)	
Calcium	425 mg
(as calcium citrate/ascorbate/carbonate complex)	
Iron (as Ferronyl®)	0.75 mg
Phosphorus (as dicalcium phosphate)	240 mg
Magnesium	150 mg
(from magnesium aspartate/ascorbate/oxide complex)	
Zinc (from zinc aspartate/oxide/Krebs complex)	10 mg
Selenium	100 mcg
(organic selenium from krebs† cycle and kelp)	
Copper (from copper amino acid chelate)	1 mg
Manganese	8 mg
(from manganese aspartate/sulfate complex)	
Chromium	100 mcg
(organically bound with GTF activity—low allergenicity)	
Molybdenum (from molybdenum krebs†)	25 mcg
Potassium	38 mg
(from potassium aspartate/chloride complex)	
Glucosamine HCl (from crab and shrimp)	1,500 mg
Chondroitin Sulfate	1,200 mg
MSM® (Methylsulfonylmethane)	500 mg
Proprietary Blend	250 mg
Chondroitin Sulfate, L-Aspartic Acid, Trypsin, Chymotrypsin, Capsicum (fruit), German Chamomile (flower), Betaine HCl,	

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Microcrystalline Hydroxyapatite (from Veal Bone), Mucopolysaccharides, Rutin N.F., Pancreatin 8X (providing Protease, Amylase and Lipase), DL-Phenylalanine, N-Acetyl-L-Cysteine/ L-Cysteine HCl, L-Methionine, Proanthocyanidins (Red Wine Grapes), Bromelain (minimum of 1,000 m.c.u.) and Glutamic Acid HCl.

Standardized Curcumin Extract	150 mg
(root, 95% Tetrahydrocurcuminoids)	
Standardized Boswellia Extract	150 mg
(gum, 60% Boswellic Acids)	
Standardized Green Tea Extract	150 mg
(leaf, 35% Epigallocatechin Gallate)	
Quercetin Dihydrate	150 mg
Resveravine®	50 mg
(Grapevine Shoot Extract, containing approximately 5 mg of resveratrol and 5 mg of viniferin)	
Citrus Bioflavonoid Complex	50 mg
Hyaluronic Acid (non-animal source)	30 mg
PABA (para-aminobenzoic acid)	25 mg
Inositol	13 mg
Choline (from choline citrate/bitartrate)	10 mg
Astaxanthin	1 mg
Boron	0.5 mg
Trace Elements (from sea vegetation)	50 mcg
Vanadium (from vanadium krebst†)	13 mcg

Pack #2 Contains (3 Wobenzym N tablets):

Pancreatin**	300 mg
56,000 USP units protease (pancreas) Sus scrofa	
Papain	180 mg
** 492 FIP-unit*** Carica papaya	
Bromelain	135 mg
** 675 FIP-unit Ananus comosus	
Trypsin	7 mg
** 2,160 FIP-unit (pancreas) Sus scrofa/bos taurus	
Chymotrypsin	3 mg
** 900 FIP-unit (pancreas) Bos taurus	
Rutoside trihydrate**	150 mg
(Rutin) Sophora japonica	

SUGGESTED USE

As a dietary supplement, adults take Pack #1 (Joint Health Pack) with meals. Take Pack #2 (Wobenzym® N) separately, at least 45 minutes before eating or as directed by your healthcare professional.

WARNING: Accidental overdose of iron-containing products is a leading cause of fatal poisoning in children under 6. Keep this product out of reach of children. In case of accidental overdose, call a doctor or poison control center immediately. If you are pregnant or breastfeeding, suffer from bleeding disorders or liver damage, or if you are taking anticoagulant drugs (such as warfarin), consult a healthcare professional before using this product.

SIDE EFFECTS

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No adverse side effects have been reported.

STORAGE

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

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For more information on Joint Health Pack With Wobenzym® N visit douglaslabs.com

† 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.

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Your patients trust you.**