

Bio-Trophic Plus™

Comprehensive Daily Multiple Utilizing Whole Food
and Food Source Nutrition



Bio-Trophic Plus™ supplies the range of B complex vitamins, including the phosphorylated forms of B₁, B₂ and B₆. B vitamins are key players in metabolism, assisting in the catalytic function of enzymes to produce energy from fuels. In other words, as coenzymes, they serve as enzyme helpers in central enzymatic pathways that degrade fatty acids, amino acids and glucose to yield ATP. Other enzymes use B complex vitamins in biosynthetic reactions. Additional vitamin support is provided as natural mixed carotenoids, vitamins C, and D, and vitamin E as natural mixed tocopherols.

Specific amounts of important ultra trace minerals are provided via our biologically active vegetable cultures. Included are chromium, molybdenum, selenium, vanadium, lithium, rubidium and silicon. These are true, non-yeast, non-gluten food forms of key micro-nutrients.

Organ specific support is supplied via our proprietary neonatal heart, kidney, liver and spleen tissue concentrates. Published histological data supports the contention that neonatal organ and glandular tissues are superior to typical sources of commonly used glandular and organ tissues. The study demonstrated profound cytological differences between tissues from neonatal animals and those from adult cattle, especially pertaining to structural integrity, fatty tissue infiltration and degeneration as a consequence of aging. For example, in adult bovine kidney, a decline in glomerular filtration rate is seen, as is a decline in renal tubular function.

Utilizing "The Best of Science and Nature" to Create Superior Nutritional Supplements

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These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.



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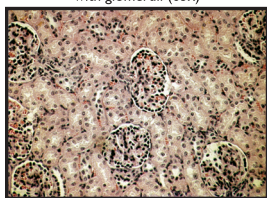
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additional information
please contact us:

(800) 231-5777

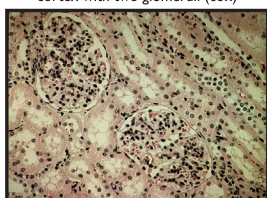
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Noenatal kidney cortex with glomeruli (63x)



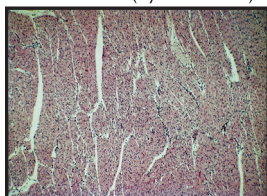
Adult (2 year old heifer) kidney cortex with two glomeruli (63x)



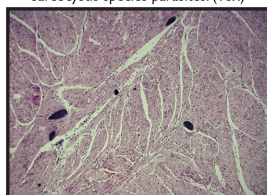
When comparing neonatal bovine kidney tissue vs. adult (2 yr. old) bovine tissue (at 63X), the differences are very apparent. In the neonatal tissue, the small size of the lumen in the surrounding tubules, and the close proximity of the nuclei is evident. In contrast, adult kidney tissues possess less compact and more diffuse structure.

Keep in mind, kidneys of adult animals have processed many thousands of gallons of urine containing a wide assortment of wastes, including pesticides, industrial pollutants and microbial toxins, to name a few.

Noenatal Heart (myocardium 16x)



Adult (2 year old heifer) heart (myocardium) with arrows indicating Sarcocystis species parasites. (16x)



The picture is even more dramatic when comparing neonatal bovine heart tissue with adult heart tissue. No vascular abnormalities are noted in the neonatal heart tissue. However, in adult tissue, calcification of arteries can be identified, as well as the presence of numerous parasites (note the arrows pointing to sacs of Sarcocystis species, which are resistant to both

organic solvents and freeze-drying; common methods of glandular processing).

There are other benefits to neonatal tissues as well. Using liver as an example, the proliferative activity is generally low in adult liver tissue, with histochemical assessment indicating less than 0.1% of hepatocytes in the S phase of the cell cycle. In contrast, dividing cells are common in the liver of newborn (neonatal) animals.

Bio-Trophic Plus™ provides other key nutrients as well, including organic whole beet concentrate, which supplies a natural source of betaine, and buckwheat culture, a source of bioflavonoids. The inclusion of judicious amounts of antioxidant synergists including quercetin, green tea EGCG, citrus bioflavonoids, gamma oryzanol and FRAC®, and important antioxidant enzymes SOD and catalase, round out this unique, broad spectrum dietary supplement.

Bio-Trophic Plus™ is available in 90-count bottles (#1155).

Supplement Facts

Serving Size: 3 Tablets			Servings Per Container: 30		
	Amount Per Serving	% Daily Value		Amount Per Serving	% Daily Value
Vitamin A (as natural mixed carotenoids)	1,500 IU	30%	Molybdenum (from vegetable culture †)	10 mcg	13%
Vitamin C (as ascorbic acid)	31 mg	52%	Quercetin	25 mg	*
Vitamin D (as cholecalciferol)	400 IU	100%	Proprietary Blend	705 mg	*
Vitamin E (as d-alpha tocopheryl acetate and mixed tocopherols)	15 IU	50%	Rubidium (from vegetable culture †)		*
Thiamin (B1) (as cocarboxylase chloride)	1.5 mg	100%	Gamma Oryzanol (from rice)		*
Riboflavin (B2) (as riboflavin-5-phosphate)	1.7 mg	100%	Vanadium (from vegetable culture †)		*
Niacin (as niacinamide)	20 mg	100%	Neonatal Heart (bovine)		*
Vitamin B6 (as pyridoxal-5-phosphate)	2 mg	100%	Neonatal Kidney (bovine)		*
Folate (as calcium folinate)	400 mcg	100%	Neonatal Liver (bovine)		*
Vitamin B12 (as methylcobalamin)	6 mcg	100%	Neonatal Spleen (bovine)		*
Biotin	300 mcg	100%	Buckwheat Culture (Fagopyrum esculentum)		*
Pantothenic Acid (as calcium pantothenate)	10 mg	100%	FRAC® (from rice)**		*
Calcium (as calcium glycerophosphate)	40 mg	4%	Green Tea Extract (50% EGCG) (Camellia sinensis) (leaf)		*
Magnesium (as magnesium citrate)	28 mg	7%	Citrus Bioflavonoids (from citrus fruit)		*
Zinc (as zinc citrate)	3 mg	20%	Organic Beet Concentrate (Beta vulgaris) (whole)		*
Selenium (from vegetable culture †)	5 mcg	7%	Superoxide Dismutase (from vegetable culture †)		*
Manganese (as manganese citrate)	0.6 mg	30%	Catalase (from vegetable culture †)		*
Chromium (from vegetable culture †)	25 mcg	21%	Lithium (from vegetable culture †)		*
					* Daily Value not established

Other ingredients: Stearic acid (vegetable source), potassium citrate, food glaze, modified cellulose gum and magnesium stearate (vegetable source).

** FRAC® is a registered trademark of Biotics Research Corporation.

† Specially grown, biologically active vegetable culture containing **Phytochemically Bound Trace Elements™** and naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors.

This product is gluten and dairy free.

RECOMMENDATION: Three (3) tablets each day as a dietary supplement or as otherwise directed by a healthcare professional.

KEEP OUT OF REACH OF CHILDREN
Store in a cool, dry area.
Sealed with an imprinted safety seal for your protection.

Product # 1155 Rev. 09/15

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