

Dave Taynor
Order No.:199028





4/30/2009

GeneWize LifeMap Nutrition Formula # 080300083465
Especially For: Dave Taynor

Dear Dave,

Congratulations!

The enclosed LifeMap Nutrition™ Formula has been custom manufactured for you based on the results and information derived from your GeneLink Health Aging Assessment.

Your personal formula has been carefully created to support your health in concert with your LifeMap™ Healthy Aging Assessment.

For best results, we recommend you take your capsules twice a day.

Directions for use: Take five (5) capsules in the AM and five (5) capsules in the PM (with or without food) for a total of ten (10) capsules daily. These vegetarian capsules are specially designed to be swallowed as you would any capsule or tablet, or if you prefer, can be broken open and mixed with your favorite juice or beverage.

We are truly grateful for you and excited to be a part of your health future.

Sincerely,

The Formulation Scientists at GeneWize Life Sciences

P.S. For additional information about your LifeMap Nutrition product, there is a LifeMap Webinar, a comprehensive list of Frequently Asked Questions (Product FAQs) available at lifemapnutrition.com. Please select the "FREE REPORTS" tab.

P.S. S. We need and want your input. You are an essential part of the creative process and we are counting on you for your guidance. Please email your comments to: productquestions@genewize.com.

317 Wekiva Springs Rd. (Suite 200) • Longwood, FL 32779 • 800-558-GENE (4363)



GeneWize LifeMap Custom Formula Ingredient Statement

Custom Formulation: 080300083465

Formulation Type: LifeMap Custom Nutrition

Prepared For: Dave Taynor

Dispensed On: 4/30/2009

This product has been custom-created for you using the highest quality ingredients available. The ingredients listed below have been carefully selected and blended based on your personal GeneLink Healthy Aging DNA Assessment.

Base Formula

Proprietary Blend:

Amount per Serving: 5000.00 mg

Fructooligosaccharides, Flax seed powder (*Linum usitatissimum*), Acerola Cherry Extract [(*Malpighia glabra*) standardized to 17% Vitamin C], Oxyphyte® Ultra Blend [White tea extract (*Camellia sinensis*) standardized to 90% polyphenols; Apple extract (*Malus pumila mill*) standardized to 75% polyphenols; Rosemary extract (*Rosmarinus officinalis*) standardized to 9% rosmarinic acid], Vitamin E (as dl-alpha tocopherol acetate), Mixed Carotenes (from *Dunaliella salina*), Strawberry juice powder (*Fragaria vesca*), Raspberry juice powder (*Rubus biflorus*), Blueberry juice powder (*Vaccinium corymbosum*), Cranberry juice powder (*Vaccinium macrocarpon*), Spinach juice powder (*Spinacia oleracea*), Tomato juice powder (*Solanum lycopersicon*), Beetroot juice powder (*Beta vulgaris*), Carrot juice powder (*Daucus carota*), Broccoli juice powder (*Brassica oleracea*), Acai juice powder (*Euterpe oleraceae*), Mangosteen extract [(*Garcinia Mangostana*) standardized to 15% polyphenols], Goji extract [(*Lycium barbarum*) standardized to 15% polysaccharides], Vitamin B3 (as Niacinamide), Zinc (as Zinc Aspartate Trihydrate), Vitamin B5 (as Pantothenic acid), Vitamin B2 (as Riboflavin), Vitamin A (as Vitamin A palmitate), Vitamin B1 (as Thiamine mononitrate), Vitamin B6 (as Pyridoxine hydrochloride), Folate (as folic acid), Biotin, Vitamin B12 (as Cyanocobalamin).

Total Ingredients 30

AC11

Proprietary Blend:

Amount per Serving: 350.00 mg

Cat's Claw Extract [(*Uncaria tomentosa*) standardized to 8% Carboxy Alkyl Esters].

Total Ingredients 1

APOB Boost

Proprietary Blend:

Amount per Serving: 500.00 mg

Oxyphyte® Green Tea extract [(*Camellia sinensis*) standardized to 90% polyphenols], Pomegranate extract [(*Punica granatum*) standardized to 40% ellagic acid], Artichoke extract [(*Cynara scolymus*) standardized to 4% chlorogenic acid/9% caffeoylquinic acid], Oxyphyte® Grape Skin extract [(*Vitis vinifera*) standardized to 10% resveratrol].

Total Ingredients 4

CYP11B2 Boost

Proprietary Blend:

Amount per Serving: 500.00 mg

Potassium (as Tripotassium citrate monohydrate), Organic Hawthorn Berry extract [(*Crataegus laevigata*) standardized to 1.5% polyphenols/0.5% flavonoids], Magnesium (as Magnesium Citrate), Acerola Cherry Extract [(*Malpighia glabra*) standardized to 17% Vitamin C], Garlic powder (*Allium sativum*).

Total Ingredients 5

MMP-1 Boost

Proprietary Blend:

Amount per Serving: 250.00 mg

Tomato powder [(*Solanum lycopersicum*) standardized to 0.8% lycopene], Oxyphyte® White Tea extract [(*Camellia sinensis*) standardized to 90% polyphenols], Oxyphyte® Grape Seed extract [(*Vitis vinifera*) standardized to 95% polyphenols].

Total Ingredients 3

MTRR Boost

Proprietary Blend:

Amount per Serving: 250.00 mg

Trimethylglycine, Zinc (as Zinc Amino Acid Chelate), Dong Quai extract [(*Angelica sinensis*) standardized to 1.0% Ligustilide], Vitamin B3 (as Niacinamide), Vitamin B2, (as Riboflavin), Vitamin B12 (as Cyanocobalamin), Vitamin B6 (as Pyridoxine hydrochloride), Folate (as folic acid).

Total Ingredients 8

PON-1 Boost

Proprietary Blend:

Amount per Serving: 500.00 mg

Organic Reshi Mushroom extract (*Granoloma lucidum*), Organic Shitake Mushroom extract (*Lentinus edodes*), Maitake Mushroom extract [(*Grifola frondosa*) standardized to 20% polysaccharides], Vitamin E (as dl-alpha tocopherol acetate).

Total Ingredients 4

SOD2 Boost

Proprietary Blend:

Amount per Serving: 500.00 mg

Spirulina powder (*Arthrospira platensis*), Oxyphyte® Green Tea extract [(*Camellia sinensis*) standardized to 90% Polyphenols], Oxyphyte® White Tea extract (*Camellia sinensis*) standardized to 90% Polyphenols], Bilberry extract [(*Vaccinium myrtillus*) standardized to 5% anthocyanins], Vitamin B3 (as Niacinamide).

Total Ingredients 5

VDR Boost**Proprietary Blend:****Amount per Serving: 500.00 mg**

Calcium (as Calcium Carbonate), Vitamin K1 (as phytonadione), Vitamin D3 (as cholecalciferol).

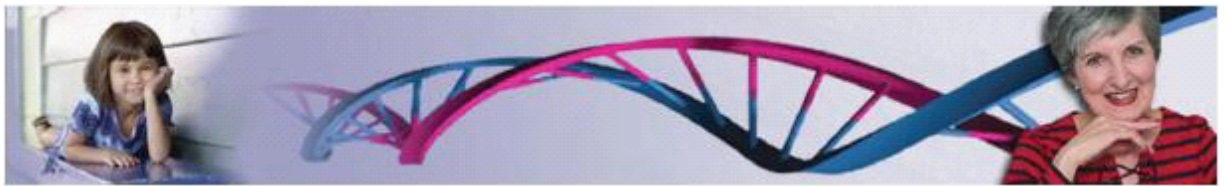
Total Ingredients 3

This product contains NO: milk, egg, fish, peanuts, crustaceans, sugar, artificial sweeteners, flavors, colors or preservatives.

Other ingredients: This product may contain less than 0.2% of each of the following: corn starch, vegetable oil, maltodextrin, manioc starch, gum acacia, bht, tricalcium phosphate, dicalcium phosphate, monoglycerides.

AC-11® is a registered trademark of Optigenex inc, Patent#6,039,949

This product is not intended to diagnose, treat or cure any disease. If you are pregnant, lactating or taking prescribed medication, consult your physician before using. Discontinue use and consult your physician if you have any adverse reaction.



Genetic Biosciences For Improving the Quality of Life.

Healthy Aging Assessment for Dave Taynor

Bar Code #: 080300083465

What Does Your GeneLink's Healthy Aging DNA Assessment Measure?

GeneLink's Healthy Aging DNA Assessment looks for variations (SNPs) in 12 key genes that are very important in your body's overall health: specifically your genetic propensity for: Oxidative stress; Environmental challenges; Cardiovascular health; Detoxification; Immune health; Neurological health: Pulmonary health, Eye/Vision health & Bone health.

Understanding SNPs

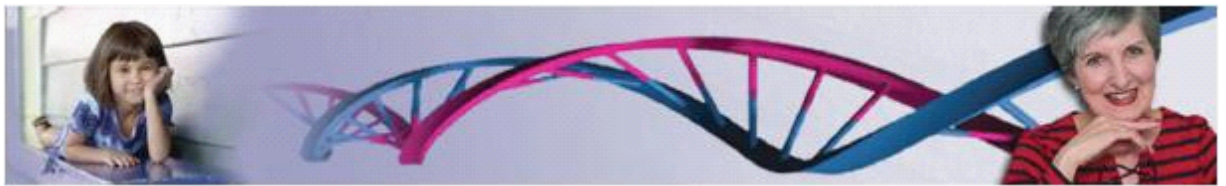
Small variations in DNA, called single nucleotide polymorphisms, or SNPs (pronounced "snips"), account for all human genetic differences - including how efficient we are at key biological processes. The GeneLink scientific and medical advisory board has developed tests for 12 different SNPs that are known to have an impact on the functioning of the body and that may lead to diminished health and wellness.

Gene Analyzed	General Description	Recommended Support Level
SNP: VDR (VITAMIN D RECEPTOR)	The strength of our bones is influenced by the VDR gene. In fact, among healthy people this one gene accounts for 75% of the entire genetic influence on bone density. ⁱ People with SNPs in the VDR gene tend to have lower bone mineral density than do those without these variations. ^{ii,iii,iv} SNPs in this gene may also influence young adult growth, ^v parathyroid hormone production, ^{vi} normal cell division, ^{vii} and blood sugar regulation. ^{vii}	ADDED SUPPORT + -
SNP: EPHX (MICROSOMAL EPOXIDE HYDROLASE)	Epoxides are toxic, highly reactive foreign chemicals present in cigarette smoke, car exhaust, charcoal-grilled meat, smoke from wood burning, pesticides, and alcohol. The body's way of dealing with epoxides is through the enzyme microsomal EPHX, which detoxifies these foreign compounds. Due to a SNP on the EPHX gene, people with lowered EPHX activity will have difficulty detoxifying harmful substances and thus be particularly vulnerable to their effects. ^{viii}	OPTIMUM GENETIC FUNCTION - -
SNP: NQO1 (COENZYME Q10 REDUCTASE)	Free radicals are considered by many scientists to be involved in the aging process. The coenzyme Q10 reductase (NQO1) enzyme converts coenzyme Q10 (ubiquinone) to its reduced form, ubiquinol, which scavenges free radicals in the mitochondria and lipid membranes. ^{ix} Some individuals have a SNP in the NQO1 gene that slows the reduction of ubiquinone to ubiquinol, resulting in very low blood levels of this key antioxidant. Consequently, people with this SNP are at high risk of free radical attack. ^x Because NQO1 is also involved in the detoxification of compounds foreign to the body, a SNP in the NQO1 gene may cause aberrant cellular changes.	OPTIMUM GENETIC FUNCTION - -
SNP: SOD2 (MANGENESE SUPEROXIDE DISMUTASE)	The SOD2 enzyme is also involved in scavenging free radicals. However, SOD2 is focused on one particularly toxic type of free radical: superoxide. ^{xi} Since the superoxide radical is produced in abundance in all cells, it is the starting point for the free radical chain of production. SOD2 has the distinction of being the only enzyme in the mitochondria that can neutralize superoxide. ^{xii} Individuals with a SNP in this gene therefore, have a weak first line of defense against free radicals.	MAXIMUM SUPPORT + +
SNP: GPX1 (GLUTATHIONE PEROXIDASE 1)	The GPX1 antioxidant enzyme specifically scavenges hydrogen peroxide, a reactive oxygen species. GPX1 is a selenoprotein, meaning it incorporates selenium into its protein structure. ^{xiii} Therefore, how much GPX1 a person produces is dependent on his or her selenium level. ^{xiii} A SNP on the GPX1 gene can reduce a person's ability to utilize selenium. ^{xiv,xv} That means higher than normal selenium intake is needed to afford protection to hydrogen peroxide-sensitive tissues, particularly lung ^{xvi, xvii} and breast tissues. ^{xiv}	OPTIMUM GENETIC FUNCTION - -
SNP: MMP-1 (MATRIX METALLOPROTEINASE)	Collagen is the main component of cartilage, ligaments, tendons, and bone. It is constantly synthesized and broken down in an on-going cycle. MMP1, also known as collagenase, is an enzyme that breaks down collagen. People with a SNP in the MMP1 gene produce collagenase at an increased rate, which means their bodies may break down collagen faster than they can rebuild it. ^{xvi,xvii} These individuals will likely benefit from added support for collagen-rich structures such as the bones and joints.	ADDED SUPPORT + -

SNP: MTRR (METHIONINE SYNTHASE REDUCTASE)	<p>Homocysteine is a metabolite of the amino acid methionine. Research has shown it is important to control homocysteine levels in order to preserve cardiovascular health. ^{xx,xxi,xxii} One of the body's methods for keeping homocysteine levels in check is the MTRR enzyme, which transforms homocysteine back to methionine. ^{xxiii} When an individual has a SNP in the MTRR gene, their ability to clear homocysteine from the blood may be hindered. However, only certain population groups appear to be negatively affected by this SNP. ^{xxiii,xxiv,xxv}</p>	ADDED SUPPORT + -
SNP: MTHFR (METHYLENE TETRAHYDROFO LATE REDUCTASE)	<p>Like the MTRR enzyme, the MTHFR enzyme is responsible for reducing blood levels of homocysteine. People with a SNP in the MTHFR gene manufacture defective enzymes that can't clear homocysteine from the blood efficiently. Research has shown there is a direct association between a SNP in the MTHFR gene and elevated levels of homocysteine, ^{xviii} particularly in those with low levels of folate. ^{xi}</p>	OPTIMUM GENETIC FUNCTION - -
SNP: TNF-ALPHA (TUMOR NECROSIS FACTOR-A)	<p>Inflammation is a response of the immune system to a perceived attack. While it is a helpful response in the short-term, if inflammation continues unabated, it can negatively affect the cells, tissues, and ultimately, the organs. TNF-ALPHA is a cytokine (a chemical messenger of the immune system) that plays a role in inflammatory processes. Individuals with a SNP on the TNF-ALPHA gene may have an over-reactive inflammation mechanism, which can negatively affect the joints, ^{xxvi} brain, ^{xxvii} lungs, ^{xxviii} and heart. ^{xxix}</p>	OPTIMUM GENETIC FUNCTION - -
SNP: PON-1 (PARAOXONASE 1)	<p>While it used to be thought that high cholesterol posed a health issue, in and of itself, it is now believed that cholesterol only becomes a problem once the cholesterol carrier, low-density lipoprotein (LDL), becomes oxidized (attacked by free radicals). The PON-1 enzyme attaches itself to high-density lipoprotein (HDL), which protects both HDL and LDL from oxidation. ^{xxx} Due to common SNPs in the PON-1 gene, blood levels of PON-1 can vary by a factor of 10 to 40-fold among different individuals. ^{xxxi,xxxii} Those with low levels of PON-1 have higher levels of oxidized LDL, which can lead to diminished cardiovascular health. ^{xxxiii,xxxiv}</p>	ADDED SUPPORT + -
SNP: CYP11B2 (ALDOSTERONE SYNTHASE)	<p>Maintaining blood pressure within the normal range is essential to a healthy heart. The CYP11B2 gene encodes an enzyme called aldosterone synthase, which plays a role in regulating blood pressure. A SNP on the CYP11B2 gene can decrease the ability of blood vessels to relax and constrict in response to changing demands for blood flow. ^{xxxv} (For example, extra blood flow is needed during exercise.) That inability of the vessels to respond properly can set the stage for cardiovascular issues down the road. ^{xxxvi}</p>	ADDED SUPPORT + -
SNP: APOB (APOLIPOPROTEIN B)	<p>Cholesterol is carried through the bloodstream on various lipoproteins: low-density lipoprotein (LDL), high-density lipoprotein (HDL), and very low-density lipoprotein (VLDL). Apolipoproteins make up the protein part of lipoproteins. One of the more researched apolipoproteins is apolipoprotein B (ApoB); it constitutes the protein component of LDL, the "bad" kind of cholesterol carrier. In fact, without ApoB, LDL cannot form. Because people with SNPs on the ApoB gene have higher ApoB levels, they experience moderate increases in total cholesterol, LDL cholesterol, and triglycerides, ^{xxxvii,xxxviii,xxxix,xl} as well as impaired glucose tolerance ^{xli} and increased blood lipid response after meals. ^{xlii}</p>	MAXIMUM SUPPORT + +

Interpreting your Healthy Aging DNA Assessment results support level.

<p>No disadvantaged gene SNPs in this nutritional health area</p> <p>A GREEN test result (Homozygous Negative) predicts that you do not have the variant SNP and that the gene is functioning optimally to produce its specific enzyme, hormone, cytokine or structural protein. A comprehensive BASIC nutritional support for this area is added to keep the body functioning optimally.</p> <p>Optimum Genetic Function - -</p> <p>Homozygous Negative Neither chromosome carries the SNP</p>	<p>One disadvantaged gene SNP from one of your parents in this nutritional health area</p> <p>A YELLOW test result (Heterozygous Positive) indicates that you have one variant SNP and that the protein molecule expressing a specific enzyme, hormone, cytokin or structural protein is functioning less than optimally. ADDED nutritional support (SNPNutri nts™) for this ar a is added to keep the body functioning optimally.</p> <p>ADDED SUPPORT + -</p> <p>Heterozygous Positive One chromosome carries the SNP</p>	<p>Two disadvantaged gene SNPs from both of your parents in this nutritional health area</p> <p>A RED test result (Homozygous Positive) indicates that you have two variant SNP and that protein molecule expressing a specific enzyme, hormone, cytokine or structural protein is functioning minimally. As a result, it is important to have MAXIMUM nutritional support (SNPNutri nts™) for this area to keep the body functioning optimally.</p> <p>MAXIMUM SUPPORT + +</p> <p>Homozygous Positive Two chromosomes carry the SNP</p>
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Genetic Biosciences For Improving the Quality of Life.

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Profile Assessments are not intended to diagnose, treat, cure, or prevent disease or condition and are designed for educational and information purposes only.

These statements have not been evaluated by the Food and Drug Administration.

Profiling technologies by GeneLink BioSciences, Inc. U.S. Patent No. 6.291.171 Additional patents pending worldwide.

Test performed by: Advanced Laboratories at National Jewish Health, 1400 Jackson Street, Denver, CO 80208
CLIA#06D0644307, CAP#21789-01, Lab 105(8.08)

GeneWise LifeMap Nutrition™ System vs. Recommended Dietary Allowance (RDA)

LifeMap Nutrition System: The LifeMap System incorporates DNA testing, which measures key biochemical pathways related to “overall health aging.” It is an individually customized; premium plant based formula rich in whole foods, extracts, phytonutrients and antioxidants and contains important ingredients to help compensate for the genetic expression of each measured pathway.

Recommended Dietary Allowance (RDA): incorporates the average amounts of selected nutrients considered adequate to meet known dietary needs.

GeneWise Life Sciences & the GeneLink Scientific & Medical Advisory Board designed the LifeMap System as a more scientific and effective system to help support overall nutritional needs and achieve optimal health and well being.

GeneWise LifeMap Nutrition™ Vitamin and Mineral Content

Nutrient	Base/SNP Boost	Per 1000 mg Base	SNP Boost Red Dose	SNP Boost Yellow Dose
Calcium	VDR		313 mg	157 mg
Potassium	CYP11B2		175 mg	88 mg
Magnesium	CYP11B2		20 mg	10 mg
Selenium	GPX		18 mcg	9 mcg
Vitamin C	Base	20.4 mg		
Vitamin C	CYP11B2		10 mg	5 mg
Vitamin E	Base	7.5 IU		
Vitamin E	PON1		102 IU	51 IU
Vitamin A	Base	395 IU		
Vitamin B3	Base	4 mg		
Vitamin B3	SOD2		10 mg	5 mg
Vitamin B3	MTRR		12 mg	6 mg
Zinc	Base	0.5 mg		
Zinc	MTRR		10 mg	5 mg
Vitamin B5	Base	1 mg		
Vitamin B6	Base	0.1 mg		
Vitamin B6	MTRR		0.5 mg	0.25 mg
Vitamin B2	Base	0.85 mg		
Vitamin B2	MTRR		2.4 mg	1.2 mg
Vitamin B1	Base	0.5 mg		
Vitamin B12	Base	2.5 mcg		
Vitamin B12	MTRR		21 mcg	10.5 mcg
Folic Acid	Base	80 mcg		
Folic Acid	MTRR		400 mcg	200 mcg
Biotin	Base	30 mg		
Vitamin D3	VDR		4000 IU	2000 IU
Vitamin K1	VDR		650 mcg	325 mcg

*Amounts listed above are per serving doses

*The Average Formula contains 5000mgs of Base Formula per serving

Rev #1

12-08

GeneWise LifeMap Nutrition™ System ORAC Values (Oxygen Radical Absorbance Capacity: a method of measuring antioxidant capacities of different foods)

- Each LifeMap Custom Nutrition formula contains 5,200 to 9000 ORAC units (approximately) per serving. (The USDA recommends consuming a minimum of 3,000 to 5,000 ORAC units per day).
- Studies have shown that consuming foods with a high ORAC score can help raise the antioxidant levels in the blood between 10-25%.
- The recommended ORAC intake suggested by experts is around 5,000 units per day in order to have a significant effect on plasma and tissue antioxidant levels.

LifeMap Nutrition System Frequently Asked Questions

How can I be sure my customized product contains high quality ingredients?

GeneWize uses only organic and natural ingredients where available; our state of the art manufacturing facility is fully GMP and ISO and FDA compliant.

How can I be sure the product will be right for me?

Our scientific team has over 100 years of combined research experience and hundreds of peer reviewed articles in the fields of genetics, medicine, biochemistry, nutritional sciences, microbiology and medicine. The science team has worked for over 10 years to create a system that combines assessments and formulations designed to transform the burgeoning science of genomics and nutrition in to practical benefits. We can reference numerous studies that show that the ingredients we use are effective and can address the expression of the key biochemical pathways measured by our DNA assessments. Additionally, we offer our customer (members) a 90-day money back guarantee on product purchases.

How does the LifeMap™Nutrition system work with my LifeMap™Healthy Aging Assessment to help me?

The GeneWize Life Sciences scientific & medical advisory board has developed ingredients that are known to have an effect on the expression of key biochemical pathways identified by your 12-gene GeneLink DNA test. The LifeMap™custom nutritional system incorporates scientifically supported ingredients that have been validated by independent third-party researchers.

Are the LifeMap™Nutritional capsules vegetarian?

The GeneWize LifeMap™custom nutritional system utilize a two-piece capsule made from cellulosic raw materials designed to satisfy vegetarian and cultural needs; they are all natural two-piece vegetable capsules that are easy to swallow and allow for product visibility. The capsules are also starch-free, gluten-free, and preservative-free and meet the strict dietary needs of customers who choose a vegetarian lifestyle. The capsules are also kosher and Halal certified.

What product benefits can I expect?

Our LifeMap™Nutrition Products are custom designed for you based on the results of your Healthy Aging Assessment. However, we make no claims whatsoever on specifically what your individual product will do for you or what health benefits you may expect. We believe you will notice a variety of personal benefits by using your custom product regularly but the only way you will know for sure is to try it yourself. Importantly, we offer a 90-day money back guarantee to customers if you wish to return your product for any reason. We also offer a 90-day money back guarantee.

For additional information about your LifeMap Nutrition product, there is a LifeMap Webinar, a comprehensive list of Frequently Asked Questions (Product FAQs) available at lifemapnutrition.com
Please select the “FREE REPORTS” tab.

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Dave Taynor
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