

RESEARCH ALERT

A Study on Transfer Factor

NEW RESEARCH ON NK CELL FUNCTION

Clinical research was presented at a 2008 medical conference which showed the positive impact of a nutraceutical on natural killer cell function.

The new research utilized Researched Nutritionals' Transfer Factor Multi-Immune™. This product is formulated to promote healthy natural killer cell function.

Patients were chosen who demonstrated no more than 110% of the bottom reference range for NK cell activity criteria. Patients were divided into two groups:

- **Group 1:** Ten patients given one serving of Transfer Factor Multi-Immune™ daily.
- **Group 2:** Ten patients were given one serving of Transfer Factor Multi-Immune™ twice daily.

Pre and post study measurements were conducted by an independent lab. Each group took the product on an empty stomach.

BACKGROUND

Modern medicine fights diseases by the use of drugs, surgery, radiation and other therapies, but real health can only be attained by maintaining a healthy immune system. It is the immune system that directs the healing process. This system is the key to fighting every kind of insult to the body, from a small cut to complex viral, fungal, and bacterial assaults.

A weakened immune system increases our susceptibility to every type of illness. Common signs of a weakened immune system include fatigue, listlessness, repeated infections, inflammation, and compromised wound healing.

At birth the immune system is functional but not at its best. That is because immunity is something that is developed as the body learns to defend itself against different foreign invaders.

The primary function of the immune system is to identify and eliminate foreign, "non-self" materials that contact or enter the body and cause illness. To accomplish this task, the immune system produces lymphocytes which are responsible for different functions:

- T-cells which play an important role in cell-mediated immunity.
- B-cells which are responsible for the production of antibodies.
- NK cells also known as natural killer cells, which destroy cells that have been infected.

NK cells are the front line of the immune system. They are programmed to kill abnormal cells on sight, without requiring special instructions from the immune system to attack the foreign cell. NK cells inject tiny toxic granules into targets to destroy them upon contact.

This preprogramming of NK cells to recognize their targets enables them to respond rapidly, making them an integral part of the body's daily struggle to remain healthy.

RESEARCH RESULTS

After 30 days, NK cell function was measured. The group that took one serving daily showed an increase of 235% in NK cell function, but the group that took two servings daily showed an NK cell function increase of 620%.

Treatment Group	NK Cell Activity Increase
One serving per day	235%
Two servings per day	620%

OBSERVATIONS

The increased dosage should be considered when beginning a program of support with patients who exhibit a much compromised immune system and/or are in an acute condition. Although this study did not report any Herxheimer reactions, extremely sensitive patients might experience them. Sensitive patients should always be monitored when starting any new protocol.



* 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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Transfer Factor Multi-Immune™

Natural Killer Cell Formula



Product No. RN103

Supplement Facts		
Serving Size: 3 Capsules Servings Per Container: 30		
Amount Per Serving	% Daily Value*	
Zinc (as zinc citrate)	15 mg	100%
Selenium (as L-selenomethionine)	70 mcg	100%
NK Maximizer Bioplex™	1083 mg	*
Transfer Factor NK+™ (a proprietary super blend of purified colostrum, transfer factors and PRP), Larch Arabinogalactan, IP-6 (inositol hexaphosphate), Shiitake 4:1 Extract, Maitake 4:1 Extract		
Macrophage and T-Cell Pro Blend™	645 mg	*
TMG, Beta Glucan, Astragalus 40% Extract		
Healthy Cell GTP™	400 mg	*
Green Tea Extract (standardized to 98% polyphenols, 75% catechins, and 40% EGCG), Pomegranate Extract (standardized to 40% ellagic acid)		

* Daily value not established.

OTHER INGREDIENTS: Gelatin (capsule shell), silica.

FREE OF: corn, sugar, salt, preservatives, fish, crustacean shellfish, tree nuts, soybeans, peanuts, wheat, gluten, artificial flavors or color.
This product contains some ingredients derived from milk.

Features & Benefits

Transfer Factor Multi-Immune™ provides an advanced comprehensive immune support formula, promoting healthy natural killer cells, macrophage, T-cells, and cell division. Product may be used as a daily-use supplement to promote and maintain healthy natural killer cell function as well as providing additional support to the immune system during acute health challenges.

Suggested Use

As a dietary supplement, take three capsules away from meals (one hour before eating or two hours after eating) or as directed by your health care professional.

Cautions

None Known.

Each Capsule Includes:

Features	Constituents/Actions	Benefits*
NK Maximizer Bioplex™	<ul style="list-style-type: none"> Proprietary super blend of transfer factor, larch arabinogalactan, IP-6, shiitake and maitake mushrooms 	<ul style="list-style-type: none"> Promotes healthy NK cell levels & immune modulation Engulfs foreign particles in blood stream and tissues Promotes metal chelation to prevent buildup of minerals which may weaken immune system
Macrophage & T-Cell Pro Blend™	<ul style="list-style-type: none"> Proprietary blend of TMG, beta glucan, and astragalus 	<ul style="list-style-type: none"> Activates white blood cells known as macrophages and neutrophils Provides one of the immune system's first line of defense against foreign invaders Removes cellular debris & speeds up recovery of damaged tissue Promotes healthy T-cell function, cellular replication, and liver function
Healthy Cell GTP™	<ul style="list-style-type: none"> Proprietary blend of potent green tea and pomegranate extracts 	<ul style="list-style-type: none"> Promotes healthy cell division Supports body's malignant cell apoptosis response Effective antioxidant properties
Zinc, Selenium	<ul style="list-style-type: none"> Integrated blend of key immune nutrients 	<ul style="list-style-type: none"> Strengthens immune function Promotes normal cell growth Boosts antioxidant levels

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