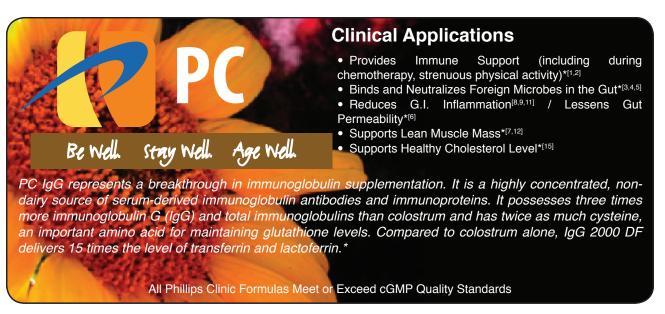
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# PC IgG





# **Discussion**

The basic functions of immunoglobulins are the neutralization and opsonization of harmful microbes. Unlike antibiotics, they allow the immune system to differentiate foreign microbes from the body's normal microflora.\*

The transfer of immunity through oral supplementation is a natural, logical and effective process for obtaining immunity. In adults, the concentration of immunoglobulin in the digestive tract and on mucosal surfaces predicts the risk of infection.\*

Almost 80% of all foreign microbes enter the body either through mucosal tissue or stay localized on mucosal surfaces. Each day, the G.I. tract immune cells produce about five grams of immunoglobulins. However, during times of stress, there is significantly reduced secretion. Supplemental immunoglobulins act first in the intestinal tract to eliminate or inhibit the proliferation of disease-causing organisms and toxins. This reduces the stimulation of the immune response in the gut so that the body's resources can be redirected toward challenges elsewhere.\*

Many of the studies on immunoglobulins involving immune challenge have been animal rather than human studies because of the expense and difficulty using human subjects. Studies have shown oral immuno-protein supplementation restores appetite, [7] supports the body's healthy response to inflammation [8,9,11] and promotes improved protein metabolism under immunological stress. [10,13] Oral supplementation has been shown to preserve gut wall integrity and provide intestinal humoral immunity. [6] Extrapolated data from a human clinical trial on intestinal health demonstrated sufferers could experience 35 extra symptom-free days annually.\*[14]

Transferrin, a family of iron-binding, bacteriostatic proteins, regulate and reduce the amount of free iron available to the invading foreign microbes.\*

Growth Factors, in proper combination, are thought to play an important role in digestive health and nutrient utilization. Those in PC IgG are similar to the level and balance found in healthy individuals. TGF-ß and IGF-I are involved in the restitution of cells damaged in the digestive tract. An increase in the level of IGF-I in serum has been associated with increases in lean tissue mass and greater protein efficiency.<sup>[13]</sup> TGF-ß is known to stimulate the secretion of IgA.\*



# Serving Size: 2 Capsules Servings Per Container: 60 Amount Per Serving %DV PC IgG (serum-derived inmunoglobulin concentrate providing IgG, IgA, IgM, IgE, IgD. Also provides transferrins, IGF-1 and TGFB-1) Immunoglobulin G (IgG) 562.5 mg \*\* (from PC IgG) \*\* Daily Value (DV) not established.

Other Ingredients: HPMC (capsule), vegetable stearic acid, vegetable magnesium stearate, and silica.

# **PC IgG Capsules Directions**

Take two capsules twice daily, or as directed by your healthcare practitioner.

Children and pregnant or lactating women should consult their healthcare practitioner prior to use. Do not use if tamper seal is damaged.

## References

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### **Does Not Contain**

Wheat, gluten, corn, yeast, soy, dairy products, fish, shellfish, peanuts, tree nuts, egg, artificial colors, artificial sweeteners, or preservatives.

\*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.

