

## Zinc-Stat Liquid

### Immune and Antioxidant support

#### DESCRIPTION

Zinc-Stat Liquid, provided by Douglas Laboratories, supplies 13.5 mg of elemental zinc from zinc sulfate hepta hydrate in purified water.

#### FUNCTIONS

Zinc is an essential trace element required for the activity of over 300 enzymes and is involved in most major metabolic pathways. Zinc participates not only in catalytic processes, but also in the structure and stability of some regulatory proteins.

General signs of human zinc deficiency indicate that zinc has important functions in maintaining immune function, reproduction, healthy skin, and growth.

Numerous studies support the fundamental role of zinc for normal immune response in humans. Immune cells must be able to rapidly divide in order to respond to daily challenges. Like all rapidly dividing cells, immune cells depend on adequate amounts of dietary zinc.

As a cofactor of the antioxidant enzyme superoxide dismutase (SOD), zinc can be considered an antioxidant nutrient. Zinc supplementation has been shown to increase the antioxidant activity of SOD, and provide increased free radical protection. Zinc deficiency is associated with increased oxidative damage.

Absorption of toxic heavy metals, especially cadmium and lead, is lower in individuals with high zinc status compared to those with low zinc status.

The body pool of readily available zinc appears to be small, which renders the body susceptible to deficiency and therefore dependent on a steady dietary supply of bioavailable zinc. While typical zinc intakes in U.S. adults are between 10 and 15 mg per day, which approach the RDA, intakes in the elderly are often low. Pregnant women are also at risk for zinc deficiency, since they have a higher requirement for this trace element.

Frequently, vegetarians and chronically depressed individuals have been found to have low zinc status.

#### INDICATIONS

Zinc-Stat Liquid may be a useful dietary adjunct for individuals wishing to supplement their diet with zinc.

#### FORMULA (#201180)

##### Two Teaspoons Contain:

Zinc (as Zinc Sulfate Hepta Hydrate)..... 13.5 mg

*Other Ingredients: Water, citric acid and potassium sorbate.*

#### SUGGESTED USE

Adults take 1-2 teaspoons daily with meals or as directed by physician.

#### SIDE EFFECTS

No adverse side effects have been reported.

#### STORAGE

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

#### REFERENCES

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Meynadier, J. Efficacy and safety study of two zinc gluconate regimens in the treatment of inflammatory acne. Eur J Dermatol 2000;10:269-73.

**For more information on Zinc-Stat Liquid visit [douglaslabs.com](http://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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