

L-Glutathione

L-Glutathione, or simply glutathione, is a powerful antioxidant comprised of amino acids cysteine, glycine, and glutamic acid. Glutathione has many functions. It is vital to mitochondrial function and necessary to produce DNA. Its ability to cross the blood-brain barrier means it plays an important role in removing toxins, such as mercury, from the brain and other cells. It is key in supporting immune function, metabolism, forming sperm cells, tissue building and repair, and helping with certain enzyme functions.

As a powerful antioxidant, it may help fight the effects of free radicals, which cause oxidative stress, damage healthy cells, and contribute to aging and certain degenerative illnesses. Unlike most antioxidants, glutathione can be made in the human liver. Glutathione can be found in every cell of the human body. It is also found in many foods, including spinach and avocados, but is poorly absorbed by the body when consumed orally. Supplements that can support glutathione production include curcumin, N-acetylcysteine, selenium, silymarin, vitamin C, and Vitamin E. Glutathione levels in the body naturally decline as we age but can also be reduced by factors like stress, malnutrition, and environmental toxins.

What Is Glutathione Prescribed For?

L-glutathione injections may address the symptoms of a wide variety of health issues, including male infertility (intramuscular use), plaque deposits in the arteries, liver diseases, memory loss, and Parkinson's disease (intravenous). Other Uses -Glutathione is an antioxidant and is beneficial for many disease states as well as helping people live a healthier life. It may improve immune response, help to metabolize toxins and activate enzymes, aid the liver in metabolizing alcohol, reduce the amount of fat stored in the belly, help to reduce oxidative stress and improve complexion.

Precautions/Side Effects

Glutathione is not recommended for use by individuals with asthma due to the possibility of increasing its symptoms. There is not enough information on the impact of this medication on individuals who are pregnant or breastfeeding; therefore, use is not advised. Glutathione is generally well-tolerated by most adults. Some studies have linked long-term consumption of glutathione to lower zinc levels.

Route of Administration: IV/IM