

Glutathione

PEPTIDES

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IMPORTANT: Read This Before Proceeding With Dosing Go to the Prep & Injection Guide for proper reconstitution, syringe sizing, and injection protocols. Mistakes here can compromise your research. the Prep & Injection Guide A naturally occurring substance within the body that is made from three amino acids: cysteine, glutamate, and glycine. Glutathione plays a role in many chemical reactions in the body, combats free radicals (molecules that can damage cells), detoxifies chemicals and pollutants, and is a natural antioxidant. Glutathione levels in the body may be reduced by a number of factors, including aging, poor nutrition, environmental toxins, and stress; this drop is correlated with poorer health and the development of many disorders. Levels also fall if you have certain conditions, including cancer, HIV/AIDS, Type-2 Diabetes, Hepatitis, and Parkinson's disease. **BENEFITS** Antioxidant properties Detoxification properties Reduces oxidative stress that can contribute to symptoms in many different chronic conditions, including autoimmune disease Helps mitigate the harmful effects of radiation and chemotherapy Combats male infertility Enhances immune function Reduces inflammation Better skin health – fewer wrinkles, better elasticity, reduced photoaging Purges heavy metals from the system Improves cartilage health Can boost athletic performance and exercise output; pre-exercise glutathione administration improves lipid (fat) metabolism and acidification in skeletal muscles, resulting in less muscle fatigue Flushes toxins from the liver Promotes brain health – helps prevent or manage Parkinson's and reduces neuronal damage following stroke Promotes long-term eye health, particularly of the retina, lens, and cornea. Supports the Muller cells, which regulate retinal function and protect the eye against pathogens. Decreases oxidative stress in the eye and delays age-related changes, including loss of visual acuity and the incidence of cataracts When combined with L-citrulline, glutathione maximizes the production of nitric oxide, which dilates the blood vessels to improve blood flow and oxygen delivery to muscles and tissue Protects the liver from damage. One study of people with non-alcoholic fatty liver disease had improved liver enzymes after four months of consistent dosing May help with weight loss **SYMPTOMS OF LOW GLUTATHIONE** Fatigue Brain fog/confusion Bad skin Deteriorating vision Sleep problems Frequent infections Anemia (low red blood cell count) Loss of coordination Seizures **POSSIBLE SIDE EFFECTS** Gas Diarrhea Flushing/warming of the skin Weight gain **WHAT TO AVOID WHILE TAKING GLUTATHIONE** Alcohol – Creates oxidative stress, which uses up antioxidants. Places a burden on the system and depletes Glutathione levels Tobacco – Depletes Glutathione levels and compounds the adverse effects of smoking Aspartame – Changes the transculturation pathway in the liver in which Glutathione is involved. Inhibits detoxification, depletes Glutathione levels, and increases inflammation **Consult a Physician Before Use If You Take:** NSAIDs Immunosuppressants Chemotherapy drugs Oral contraceptives **GLUTATHIONE: 1500MG :**

RECONSTITUTION AND DOSING PROTOCOLS Mix Glutathione: 1500 mg with 7mL (700 units) of BAC water 4-week cycle followed by 4-week washout period Intramuscular Administration DOSING PROTOCOL 46 units = 100mg 100mg, once per day, six days per week Maximum cycle: 4 weeks, followed by a 4-week washout period STACKING SUGGESTIONS To enhance results and synergistic benefits, Glutathione is commonly stacked with: NAD+ – For advanced cellular repair, mitochondrial function, and anti-aging GHK-Cu – Boosts antioxidant defense, skin regeneration, and tissue healing Vitamin C (liposomal or IV) – Enhances glutathione recycling and bioavailability AOD-9604 – For weight loss and improved fat metabolism Citrulline or Arginine – Improves nitric oxide production and blood flow CoQ10 or PQQ – Supports mitochondrial energy and cognitive health BPC-157 – For gut healing, inflammation control, and systemic recovery Melanotan II or PT-141 – Combined for enhanced skin tone and libido/vascular effects TB-500 – For deep tissue regeneration and systemic healing when combined with GSH's anti-inflammatory support

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