

Transdermal Glutathione

Glutathione is a tripeptide composed of three amino acids: cysteine, glycine and glutamate. Glutathione is a major antioxidant in the body and is required for a multitude of chemical reactions and detoxifying processes within the body. Glutathione is required in the liver for a process called conjugation - allowing the removal of drugs, metabolites and environmental toxins from the body. Reduced Glutathione has an important role in promoting Metallothionein (MT) in the body. Reduced Glutathione (GSH) (active form) can help protect cells in the body from free radical damage. It also plays a role in regulating protein and DNA growth, and immune function.

People with degenerative diseases such as Parkinson Disease, Cystic Fibrosis, Alzheimer's Disease and Autism often have very low levels of Glutathione. Some people who experience a toxic load in the environment experience oxidative stress which will deplete the body's stores of Glutathione.

It is most commonly prescribed after a person has been "preloaded" with Zinc to ensure the MT reactions occur without depleting the body's stores of zinc.

Transdermal Glutathione is formulated in Anhydrous base, a specialised base that is designed specifically to allow large amounts of active ingredient to pass through the skin and into the body. The advantage of a transdermal product is that the active glutathione can bypass the gut and liver and reach the bloodstream, to be carried to tissues all around the body.

Anhydrous base is a hypoallergenic formula, high in natural ingredients and is soy-free, Paraben-free and BHT-free.

Glutathione is easily oxidised and degraded when in contact with water, so our anhydrous (water free) base used in this formula means the product will be more stable during storage. It will be stable at room temperature for a short periods (a few days) however we recommend keeping this product in the fridge to optimise this stability. We ship your Transdermal Glutathione in an ice brick packed esky.

If you have any concerns or queries, please don't hesitate to contact one of our pharmacists on: 1300 696 337 or email goldcoast@acpharm.com.au

References

William J Walsh Nutrient Power 2012 PCCA <http://www.pccarx.com> (#30-4283)
Wu G, Fang Y-Z et al; Glutathione Metabolism and Its Implication for Health. 2004, Jour. Of Nutrition 134, 489-94
www.lef.org/protocols/prtcls-txt/t-prtcl-124.shtml