

# Calcium D-Glucarate

*β-Glucuronidase Inhibition for Detoxification Support\**



LIVER/DETOXIFICATION\*



Designs for Health's Calcium D-Glucarate features 150 mg of calcium D-glucarate per 2-capsule serving to support normal liver detoxification and overall health.\* Calcium D-glucarate consists of elemental calcium bound to D-glucaric acid, which is produced in small amounts by the human body and is also found in various plant foods, such as apples, oranges, grapefruit, broccoli, cabbage, and kale. Some individuals may benefit from higher amounts of calcium D-glucarate through supplementation.\*

Calcium D-glucarate may help support the body's ability to properly eliminate toxins and hormones by supporting liver detoxification capacity.\* A liver detoxification process called glucuronidation readily eliminates foreign toxins, such as environmental pollutants or pharmaceutical drugs, and excess hormones produced in the body, such as estrogen, testosterone, cortisol, and

more. During glucuronidation, toxins and hormones become bound to glucuronic acid and are able to be eliminated from the body.

Elimination of the bound glucuronic acid compounds occur through the stool in the gastrointestinal tract. Unfortunately, certain bacterial species located in the large intestine secrete an enzyme called  $\beta$  glucuronidase that is capable of de-coupling or unbounding these compounds from glucuronic acid. This may impact the body's ability to eliminate the compounds. In the body, calcium D-glucarate may potentially inhibit the activity of this enzyme, thereby facilitating the removal of these compounds.\* Reduction of this enzyme may also support increased excretion of bile acids and glucuronidation of cholesterol to promote healthy cholesterol metabolism and excretion.\*

## Benefits\*

- Supports liver detoxification
- Supports healthy hormone metabolism and clearance
- May help promote healthy hormone balance

## Recommended Use

Take 2 capsules per day with meals or as directed by your health-care practitioner.

## Highlights

- Contains 150 mg of calcium (from Calcium D-Glucarate USP) per 2-capsule serving
- Suitable for vegetarians
- Gluten-free, dairy-free, and soy-free
- Non-GMO

To contact Designs for Health, please call us at (860) 623-6314 or visit us on the web at [www.designsforhealth.com](http://www.designsforhealth.com).

Consult with your health-care practitioner about your specific circumstances and any questions you may have about this product.

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\*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.