



AMPLIFY CURCUMIN ABSORPTION & BIOAVAILABILITY WITH ASTRAGIN®

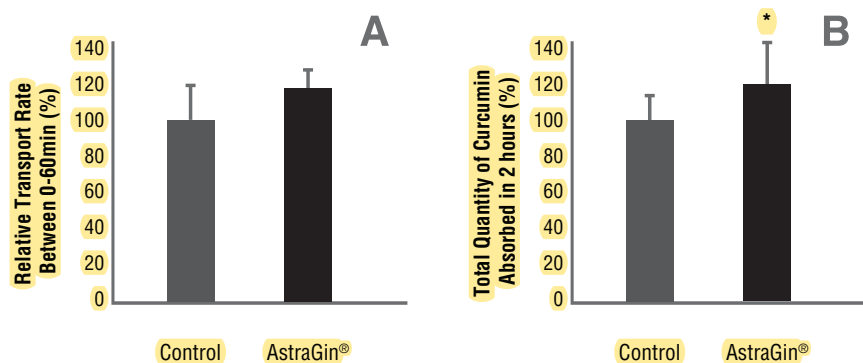
The market is flooded with numerous curcumin products hitting the shelves and it leaves consumers wondering where to turn for the most potent and absorbable curcumin product. Furthermore, curcumin is known for poor absorption capabilities as evidenced by its extremely low concentrations in blood plasma, urine, and peripheral tissues even after oral ingestion of heroic doses. [1,2]

HOW ARE YOU GOING TO DIFFERENTIATE YOUR CURCUMIN PRODUCT AMONG THE VAST SUPPLEMENT OPTIONS IN THE MARKET?

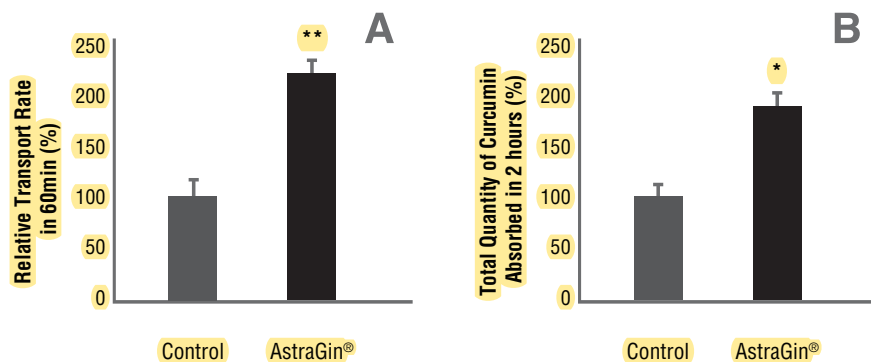
AstraGin® goes to work to amplify absorption & bioavailability factors.

Introducing AstraGin®, a proprietary plant derived compound complex extracted from highly fractionated *Panax notoginseng* and *Astragalus membranaceus* by a proprietary pharmaceutical extraction and processing technology designed to support increased absorption through transporter upregulation.*

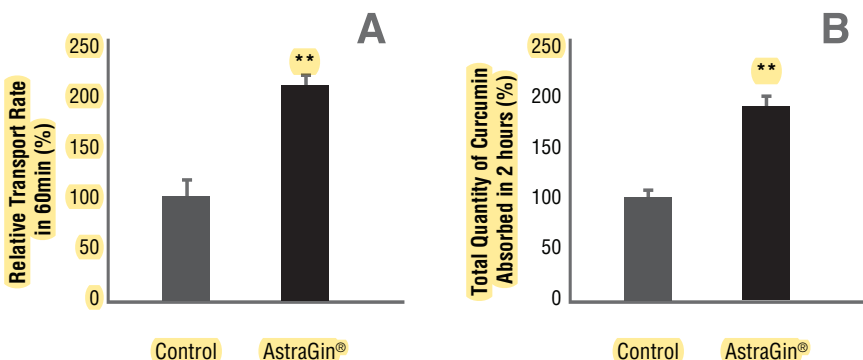
AstraGin® upregulates the mRNA and protein expression levels of nutrient transporters that regulate the absorption of nutrients and plant compounds in the gut. Most nutrients only enter human body through active absorption by transporters that are transported by portal vein to liver and through circulation to the rest of the body. Those nutrients that do not enter into the intestinal cells through active absorption will be excreted from the human body.



AstraGin® improved the absorption of curcumin as a stand alone single compound at the transport rate of 116% in 60 minutes and a total of 118% in 2 hours.*



AstraGin® improved absorption of a blend of curcumin and black pepper compound at the transport rate of 221% in 60 minutes and a total of 190% in 2 hours.*



AstraGin® demonstrated to improve the absorption of curcumin-lecithin compound at the transport rate of 205% in 60 minutes and a total of 192% in 2 hours.*

- Goel A, Kunnumakkara AB, Aggarwal BB. **Curcumin as "Curecumin": from kitchen to clinic.** Biochem. Pharmacol. 2008, 75(4):787-809.
- Aggarwal BB, Sung B. **Pharmacological basis for the role of curcumin in chronic diseases: an age-old spice with modern targets.** Trends Pharmacol. Sci. 2009, 30 (2):85-94.

*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.

Developed by  NuLivScience
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