DIM® Enhanced
With Curcumin, Green Tea and Wasabia

DESCRIPTION
DIM® Enhanced, provided by Douglas Laboratories, is a microencapsulated form of diindolylmethane, with curcumin, green tea, and wasabia designed to support healthy hormone balance and immune health. Microencapsulated DIM by BioResponse® is a patented, absorption-enhancing formulation to ensure proper assimilation by the body.‡

INDICATIONS
- DIM® Enhanced may be a useful dietary supplement for individuals wishing to support healthy estrogen detoxification, hormone balance and immune support.‡

FUNCTIONS AND MECHANISM OF ACTION
Diindolylmethane
During the body’s natural detoxification processes, potentially detrimental molecules such as hormone metabolites, alcohol, drugs and air pollutants are removed from the blood stream via the liver. Healthy hormone detoxification is a crucial part of the normal functioning of the immune system.‡

Diindolylmethane (DIM) is one molecule known for the supportive role it plays in stimulating natural detoxification enzymes and supporting normal hormone metabolism. As a natural component derived from indole-3-carbinole and cruciferous vegetables, DIM has shown in studies to support the 2-hydroxylation instead of 16-hydroxylation of certain estrogen metabolites. This favors the production of 2-hydroxysterone over the less desirable 16-hydroxyestrone.‡

Microencapsulated DIM® is the only diindolymethane with proven absorption and activity demonstrated in independently performed clinical studies. BioResponse DIM® contains pure DIM, microencapsulated in particles complexed with a vitamin E derivative and phospholipids to aid absorption from the intestinal tract. The patented formulation process for making BioResponse DIM® creates microparticles of DIM, emulsifies the DIM with vitamin E and phospholipids, and captures these complexes through a drying process in larger particles of pure food starch. The result is a sustained-release, dry powder that re-dissolves easily after oral consumption. The graph below shows greater absorption of microencapsulated DIM® compared to fine crystalline DIM.

![DIM Absorption in Humans](image)

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Scientists have identified numerous phytochemicals, including polyphenols, methylxanthines, flavonoids, and triterpenoid saponins, in green tea. The polyphenols contained in tea, specifically the catechins, appear to provide the primary health-promoting benefits associated with green tea consumption. Catechin, epicatechin, epigallocatechin (EGC) and, most notably, epigallocatechin gallate (EGCG), act as antioxidants and support immune function and liver detoxification. Additionally, in vitro, these nutrients have been shown to support healthy cell growth and division.‡

**MERIVA® Curcumin**

Studies have shown that curcumin, a naturally occurring biologically active group of compounds from *Curcuma longa* (turmeric), can function as efficient antioxidants that play a key role in supporting the body’s detoxification processes. Since curcumin exhibits poor oral absorption in the body, Douglas Laboratories has chosen a highly bioavailable curcumin called MERIVA®. Curcuminoid absorption was about 29 times higher for Mervia than for standard curcumin due to proprietary PHYTOSOME technology, which increases hydrolytic stability.‡

**Wasabia Japonica**

Wasabia, a member of the cruciferous vegetable family, contains long chain isothiocyanates (ITCs). These ITCs are believed to be 10-25 times more potent in the detoxification process than most ITCs found in cruciferous vegetables. These long chain ITCs are unique to wasabia and are not commonly found in other cruciferous vegetables.‡

**FORMULA (#202364)**

1 vegetarian capsule contains:
- MERIVA® Curcumin Phytosome ................................................................. 125 mg
  *(Curcuma longa extract, rhizome/Phosphatidylcholine (soy) complex)*
- Green tea extract (leaf) ........................................................................... 200 mg
  *(standardized to 95% polyphenols and 45% EGCG)*
- BioResponse DIM® complex ................................................................. 125 mg
  *(complex of starch, diindolylmethane, d-alpha tocopheryl succinate, phosphatidylcholine and silica),
  (standardized to contain 25% diindolylmethane)*
- Wasabia japonica (rhizome) ................................................................. 50 mg
  *(containing at least 600 mcg of isothiocyanates as allyl ITC, 3-butenyl ITC, and 4-pentyl ITC)*

Other Ingredients: Hydroxypropyl methylcellulose [capsule], dicalcium phosphate, silica, vegetable stearate and cellulose.


*Meriva® is a registered trademark of Indena S.p.A, Milano*

**Non-GMO, Gluten Free**

**SUGGESTED USE**

Adults take 1 capsule 1-2 times daily with food or as directed by your healthcare professional.

**MICROENCAPSULATED DIM® DOSING GUIDELINES**

- Women: 100-200 mg BioResponse DIM® (25-50 mg DIM)
- Men: 200-400 mg BioResponse DIM® (50-100 mg DIM)

**PRECAUTIONS**

Avoid this product if pregnant or lactating. If taking prescription blood thinners such as Coumadin (warfarin),
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consult your physician prior to use.

SIDE EFFECTS
Harmless changes in urine color may occur if less than recommended daily water intake is consumed.

STORAGE
Store in a cool, dry place, away from direct light. Keep out of reach of children.

REFERENCES
Maheshwari RK, Singh AK, Gaddipati J, Srimai RC. *Biofactors*, 2000;13(1-4):271-6. [Curcumin].

For more information on DIM® Enhanced, visit douglaslabs.com

‡ 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.