

St. John's Wort

Standardized botanical extract in vegetarian capsules

DESCRIPTION

St. John's Wort vegetarian capsules, provided by Douglas Laboratories®, contain 300 mg of St. John's Wort extract, standardized to contain a minimum of 0.3% total hypericin.

FUNCTIONS

Although St. John's Wort has a variety of traditional uses, extracts of this flowering perennial are best known for their mood balancing properties. St. John's Wort extract is widely recognized for its positive, supportive effects on mental and emotional function. Like many botanicals, St. John's Wort has been used for thousands of years, but is now gaining immense popularity both in the United States and abroad. High tolerability, minimal side effects, and of course its efficacy are credited for the growing popularity of St. John's Wort. Numerous scientific studies have addressed the effectiveness and safety of standardized St. John's Wort extract. The activity of St. John's Wort extract is often attributed to its hypericin content. Interestingly, new evidence indicates that hypericin may not be solely responsible for the beneficial properties of St. John's Wort extract. There are many biologically active components in St. John's Wort, including: naphthodianthrone (hypericin and pseudohypericin), xanthones, phloroglucinols, and various flavonoids, including flavonols and proanthocyanidins. Which of these many other components may be active in extract preparations and how they may exert their activity is unknown. Because St. John's Wort may act through the synergistic action of many components, it is important to ensure not just standardized hypericin content of an extract, but also the availability of these other ingredients. Douglas Laboratories' provides 300 mg of St. John's Wort extract standardized to 0.3% total hypericin content, thereby providing a similar formulation used in the research studies which demonstrated the beneficial effects of this botanical extract. Additionally, Douglas Laboratories' St. John's Wort extract contains other naturally occurring and likely beneficial, constituents of the St. John's Wort plant.

INDICATIONS

St. John's Wort capsules may be a useful nutritional supplement for individuals wishing to obtain the benefits of this well-documented botanical extract.

FORMULA (77373)

Each Vcaps™ Vegetarian capsule contains:

St. John's Wort (*Hypericum perforatum*) 300 mg

Standardized to 0.3% hypericin

In a 100 mg base of non-standardized St. John's Wort

SUGGESTED USE

Adults take 1 capsule twice daily between meals or as directed by physician.

SIDE EFFECTS

Warning:

If you are pregnant, trying to become pregnant, nursing, or taking any prescription medication (especially anticoagulants, oral contraceptives, anti-depressants, anti-seizure medications, drugs to treat HIV or prevent transplant rejection), consult your physician before using this product. This product may cause skin rashes or photosensitivity in some people. Avoid excessive exposure to sunlight, tanning lights or UV sources while taking this product. This product may cause serotonin syndrome in sensitive patients and may cause hair loss.

STORAGE

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

St. John's Wort

Standardized botanical extract in vegetarian capsules

REFERENCES

- Cott JM. In vitro receptor binding and enzyme inhibition by Hypericum perforatum extract. Pharmacopsychiatry 1997;30 Suppl 2:108-12.
- Ernst E. [St. John's wort as antidepressive therapy]. Fortschr Med 1995;113:354-5.
- Kerb R, Brockmoller J, Staffeldt B, Ploch M, Roots I. Single-dose and steady-state pharmacokinetics of hypericin and pseudohypericin. Antimicrob Agents Chemother 1996;40:2087-93.
- Linde K, Ramirez G, Mulrow CD, Pauls A, Weidenhammer W, Melchart D. St John's wort for depression--an overview and meta-analysis of randomised clinical trials [see comments]. Bmj 1996;313:253-8.
- Miller AL. St. John's Wort (Hypericum perforatum): clinical effects on depression and other conditions. Altern Med Rev 1998;3:18-26.
- Raffa RB. Screen of receptor and uptake-site activity of hypericin component of St. John's wort reveals sigma receptor binding. Life Sci 1998;62:L265-70.
- Schmidt U, Sommer H. [St. John's wort extract in the ambulatory therapy of depression. Attention and reaction ability are preserved]. Fortschr Med 1993;111:339-42.
- Staffeldt B, Kerb R, Brockmoller J, Ploch M, Roots I. Pharmacokinetics of hypericin and pseudohypericin after oral intake of the hypericum perforatum extract LI 160 in healthy volunteers. J Geriatr Psychiatry Neurol 1994;7 Suppl 1:S47-53.

For more information on St. John's Wort 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.

Manufactured by
Douglas Laboratories
600 Boyce Road
Pittsburgh, PA 15205
800-245-4440
douglaslabs.com



**You trust Douglas Laboratories.
Your patients trust you.**

© 2012 Douglas Laboratories. All Rights Reserved