

Vitamin A + Carotenoids

Preformed vitamin A for cellular health, immune function and healthy vision[†]

INDICATIONS

- Ages 18 and up
- Eye health[†]
- Immune function support[†]

BENEFITS

- Provides preformed vitamin A, which bypasses genetic variations that limit conversion of beta-carotene[†]
- Supports optical lens health and macular pigment density[†]
- Provides antioxidant defenses to protect retinal health[†]

FEATURES

- Part of the PureGenomics® product line
- Made with high-quality ingredients backed by verifiable science

VERIFIABLE SCIENCE

The ability to convert provitamin A carotenoids, like beta carotene, into active vitamin A varies from one person to the next, owing to genetic variations that can limit enzyme activity. Single nucleotide polymorphisms (SNPs) in the gene encoding the enzyme BCMO1 (β -Carotene 15,15'-monooxygenase 1) can decrease the conversion efficacy of carotenoids into retinal, the immediate precursor of vitamin A, by up to 69%.¹ These common variations can be bypassed with dietary retinol (vitamin A).² Since variations in the BCMO1 gene have also been associated with macular pigment density, this formula includes a blend of lutein, zeaxanthin and astaxanthin to promote macular health.³ Lutein and zeaxanthin are the two carotenoids found in macular pigment; as such, they act to support the integrity and density of the pigment, as well as optical lens health.⁴ Astaxanthin offers support for antioxidant defenses to protect retinal health.^{5†}

SUGGESTED USE

As a dietary supplement, take 1 capsule daily, with a meal.

STORAGE

Store in a cool, dry place.

WARNING

Vitamin A at levels above 3,000 mcg (10,000 IU) can lead to adverse side effects, including birth defects. If you are pregnant or lactating, have any health condition or are taking any medication, consult your health professional before use.

SOURCE

- Vitamin A and zeaxanthin are synthetic
- Lutein is derived from marigold flower extract
- Astaxanthin is derived from *Haematococcus pluvialis* algae extract
- Red beet powder is derived from *Beta vulgaris* root
- Hypoallergenic plant fiber is derived from pine cellulose

NOTES

Size 3 caps

Bottle count 90

Order code VA59

Bottle size 75 cc

REFERENCES

1. Lietz G, et al. *J Nutr.* 2012 Jan;142(1):161S-5S.
2. Leung WC, et al. *FASEB J.* 2009 Apr;23(4):1041-53.
3. Feigl B, et al. *PLoS One.* 2014 Feb 19;9(2):e89069.
4. Age-Related Eye Disease Study 2 (AREDS2) Research Group, Chew EY, Clemons TE, et al. *JAMA Ophthalmol.* 2014 Feb;132(2):142-9.
5. Piermarocchi S, et al. *Eur J Ophthalmol.* 2012 Mar-Apr;22(2):216-25.

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SUPPLEMENT FACTS

1 capsule daily, with a meal.

Each (size 3) vegetarian capsule contains:

Vitamin A (as vitamin A acetate)	1,500 mcg
FloraGLO® lutein	3 mg
Zeaxanthin	500 mcg
AstaReal® Astaxanthin (from <i>Haematococcus pluvialis</i> algae extract)	500 mcg

Other ingredients: red beet root powder, hypoallergenic plant fiber (cellulose), vegetarian capsule (cellulose, water)

*FloraGLO is a registered trademark of Kemin Industries, Inc.

Zeaxanthin is sourced from OPTISHARP® brand. OPTISHARP® is a trademark of DSM.

AstaReal® is a registered trademark of Fuji Chemical Industries Co., Ltd.

Vitamin A at levels above 3,000 mcg (10,000 IU) can lead to serious adverse side effects, including birth defects.



Vitamin A + Carotenoids	Quantity	Order Code
	90	VA59

Visit PureEncapsulationsPro.com for more information about our GMO policy.

[†]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.