

New Downs

Nutritional supplement

DESCRIPTION

New Downs nutritional supplement is antioxidant dietary supplement intended for individuals with Down Syndrome (DS). It is a complete vitamin mineral formula using high quality natural vitamins and minerals. The vitamin and minerals are more absorbable.

Methyl donor amino acids are added to the formulation to help quench the increased oxidative damage that occurs in individuals with DS.

FUNCTIONS

This dietary supplement has the maximum amount of antioxidants specific for individuals with DS. Individuals with DS have a greater need for antioxidants due to the extra chromosome 21. This chromosome carries the gene for superoxide dismutase (SOD) which decreases the free radical, singlet oxygen (O^{*}). When there are 3 copies of the SOD gene, there are more hydrogen peroxide molecules generated which the body can not handle. This leads to faster depletion of glutathione and other antioxidants. This leads to faster aging, decreased cognition, decreased growth, increased risk of cancers and Alzheimer's, Parkinson's. An elevation of SOD activity interferes with the transport of biogenic

amines into chromaffin granules. Since neurotransmitter uptake plays an important role in many processes of the central nervous system, SOD gene-dosage may contribute to the neurobiological abnormalities of DS.

INDICATIONS

New Downs may be a useful as dietary supplement for kids with DS between the ages of 4-11 years of age.

FORMULA

Each scoop contains:

Beta Carotene	6000 IU
Vitamin A	100 IU
Vitamin B-1 (thiamin mononitrate)	10 mg
Vitamin B-2 (riboflavin)	10 mg
Vitamin B-3 (niacin)	10 mg
Vitamin B-5 (calcium pantothenate)	10 mg
Vitamin B-6 (pyridoxine HCl)	15 mg
Vitamin B-12 (methylcobalamin)	10 mcg
Vitamin C (ascorbic acid)	100 mg
Vitamin D-3	100 IU
biotin	50 mcg
mixed Tocopherols	10 IU
Vitamin E (d-alpha tocopheryl acetate)	40 IU
Choline (Choline Bitartrate)	2 mg
Folic acid	1000 mcg

inositol	1 mg
PABA	1 mg
rutin	1 mg
quercetin	0.5 mg
CoQ10	1 mg
Vitamin K (phytonadione)	30 mcg
Iron (Ferronyl)	10 mg
Manganese ALBION AAC	1 mg
Copper ALBION AAC	0.07 mg
Molybdenum ALBION AAC	100 mcg
Selenium ALBION AAC	80 mcg
Zinc ALBION AAC	6 mg
Iodine (sea kelp)	50 mcg
Calcium ALBION AAC	400mg
Potassium Chloride	1.6 mg
Chromium ALBION AAC	80 mcg
Magnesium ALBION ACC	200mg
dicalcium phosphate	200mg
yielding additional calcium	241.5 mg
betaine HCl	1 mg
glutamine	1 mg
taurine	2 mg
tyrosine	1 mg
methionine	1.5 mg
cysteine	0.75 mg
ornithine	1 mg
proline	1 mg
serine	2 mg
lipoic acid	0.5 mg
bromelain	0.5 mg
glutathione	1 mg

SUGGESTED USE

Children 4-6 – 1/3 scoop 1 times a day in yogurt, milk, smoothie or apple sauce.

Children 7-9 – 1/3 scoop 2 times a day in yogurt, milk, smoothie or apple sauce.

Children 10-11 – 1/3 scoop 3 times a day in yogurt, milk, smoothie or apple sauce.

SIDE EFFECTS

No adverse effects have been reported.

STORAGE

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

REFERENCES

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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.

**Manufactured by
Food Science Corporation**