

アラプラス

糖ダウン

TOHTM
DOWN



FOR HEALTHY BLOOD
SUGAR LEVEL



TOP-SELLING NO. 1 SUPPLEMENT
FROM JAPAN FOR SUGAR INTAKE MANAGEMENT



OUR SOURCE OF BRILLIANCE

Energy is our source of health and life.

In our body, energy is produced by oxygen and nutrient we get from our diet and it is essential for moving all the tissues of the body.

Lack of energy leads to various disorders and aging of the body.

ENERGY IS OUR SOURCE OF HEALTH, BEAUTY, AND VITALITY THAT IS INDISPENSABLE FOR US TO CONTINUE TO SHINE.



HEALTH

アミノ酸

5-ALA

VITALITY

BEAUTY

5-AMINOLEVULINIC ACID

5-ALA, THE SOURCE OF LIFE 生命の根源物質

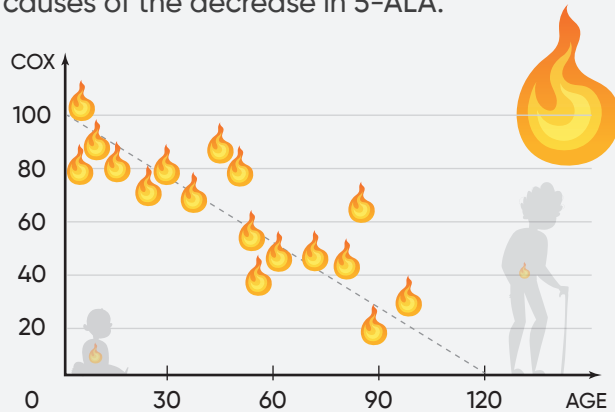
For over 3.6 billion years, 5-ALA, this naturally occurring amino acid is produced in various living organisms. It is made in the mitochondria of human cells. The mitochondria are our internal "energy production factories" that generates adenosine triphosphate (ATP) from oxygen and glucose.

WHAT DO MITOCHONDRIA DO?

- ✓ Energy Production
- ✓ Rejuvenate Cells

AGING VS ENERGY DECLINE

As we age, our body's ability to produce 5-ALA declines. Stress and lifestyle-related disorders are also leading to one of the main causes of the decrease in 5-ALA.



* The COX activity in skin fibroblasts collected from humans is used as an index of ALA production. Estimated with the value of 0-year-old child as 100.

Traced and modified from Jun-Ichi Hayashi et al (1994) J Biol. Chem. 269,6878-6883

LEADING CAUSES TO ENERGY DECLINE

AGE

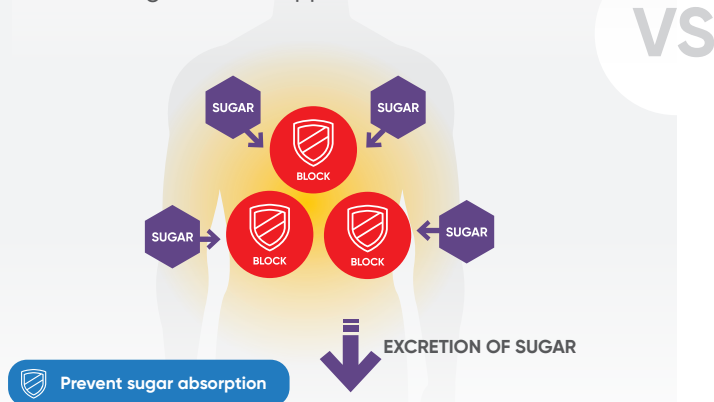
STRESS

DIET

SLEEP

SUPPRESSING SUGAR ABSORPTION

Administering diabetes supplements.



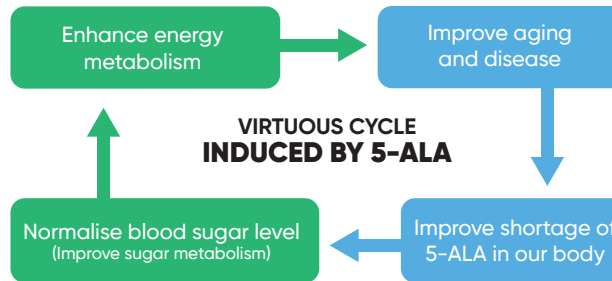
HOW OUR SUPPLEMENT WORKS?

ONE-OF-A-KIND SUPPLEMENT

ALA PLUS TOH DOWN is an one-of-a-kind supplement that composed of 5-ALA and iron to improve mitochondrial function and lower blood glucose levels. An oral intake of 5-ALA would be a novel approach to prevent type 2 diabetes mellitus. (Nutrition 29 (2013) 1030-1036)

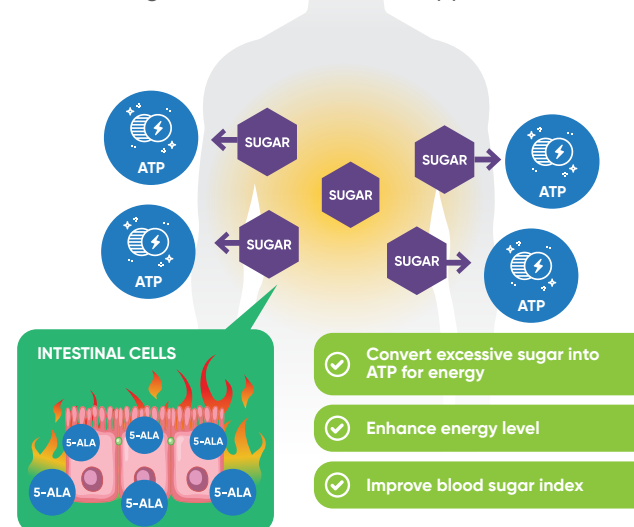
5-ALA with SFC is a safe and potentially beneficial supplement if taken by diabetic patients treated with OHAs. (Functional Foods in Health and Disease 2014; 4(9):415-428)

VIRTUOUS CYCLE OF SUGAR METABOLISM INDUCED BY 5-ALA ADMINISTRATION



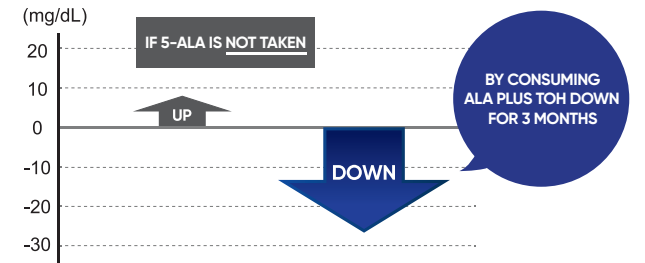
SUGAR METABOLISM CONVERSION

Administering **ALA PLUS TOH DOWN** supplement.



LIVING A HAPPY AND PRODUCTIVE LIFE SHOULD NOT BE HELD BACK BY DIABETES.

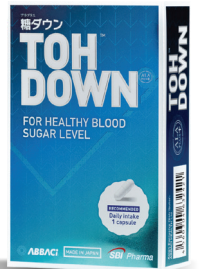
The newly formulated **ALA PLUS TOH DOWN** contains 5-ALA for maintenance of healthy blood sugar levels.



* Average change in OGTT 12 weeks after ingestion of TOH DOWN in subjects with OGTT * of 200 mg/dL or more.

* 2 h-OGTT is one of the methods for measuring postprandial blood glucose level. The blood sugar level over time is measured to determine the degree of diabetes. Source: Modified based on Higashikawa, F. et al., Nutrition. 2013; 29 (7-8): 1030-1036.

- ✓ Suitable for pre-diabetics and diabetics.
- ✓ Increase energy levels.
- ✓ Can be taken any time of the day.
- ✓ Quality assured with GMP certified.
- ✓ Natural, safe and vegan friendly product.



PRODUCT OF JAPAN



Supported by clinical studies conducted across Japan, UK, USA and UAE with 60 patents across 35 countries.

Diabetes management remedy with 5-ALA as an active ingredient. (Patent No. US 9095165 B2)

Manufactured using microbial fermentation processes without genetic recombination and harmful chemicals. (Patent No. JP 4417865 B2)

DISTRIBUTED BY



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