

# SIRTMAX™

**PREMIX COFFEE  
ARABICA & ROBUSTA  
with BLACK GINGER**





# Omniconnect Worldwide Sdn Bhd

is the first company in Malaysia  
authorized to use SIRTMAX brand for coffee product



1 box has 20 sachets (21g each)



Non-dairy creamer made from  
coconut oil

Instant coffee made from  
Arabica and Robusta  
coffee beans



SIRTMAX® Black Ginger  
Extract 50mg (per sachet)



# *What is Black Ginger?*

Malaysia: Halia Hitam

Thailand: Krachai Dum (Thai Ginseng)

Scientific name: *Kaempferia Parviflora*

Family: Zingiberaceae

Country of origin: Thailand (North), Laos

Traditionally used as a supplement for energy, improve blood flow and treat some diseases.

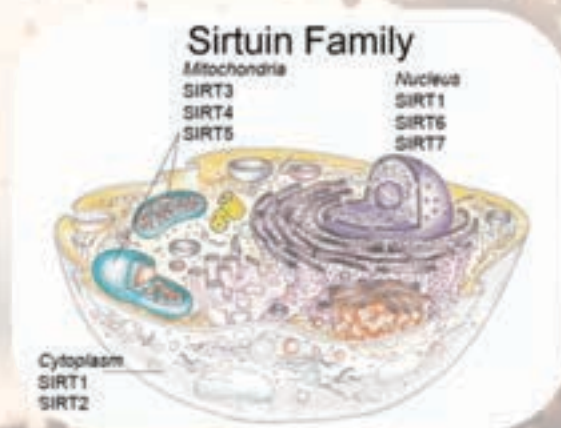


**SIRTMAX™**  
*Black Ginger*



SIRTMAX® black ginger is an extract containing active ingredients (Polymethoxyflavonoid) to maximize our *Sirtuin* gene activities.

*Sirtuin* – is our “guardian of longevity genes”



*Sirtuin* guards our cellular metabolism and health - Stress responses, damage repairs, insulin secretion, diabetes and neurodegenerative diseases.

*Research and Development of SIRTMAX®  
Black Ginger Extract - Tested and proven for  
anti-obesity, anti-hyperglycemia and anti-glycation*



**Human clinical trials**

**(Published scientific papers)**

Anti-hyperglycemic (reduce high blood glucose levels)

Anti-glycation (inhibit AGE accumulation in blood)

Improve blood vessel stiffness

**Animal testing**

Improve insulin resistance

Inhibit visceral fat gain

*Inhibit weight gain*

***Human clinical trials:***

***No adverse reactions observed***

**SIRTMAX™**

**tokiwa**  
PHYTOCHEMICAL

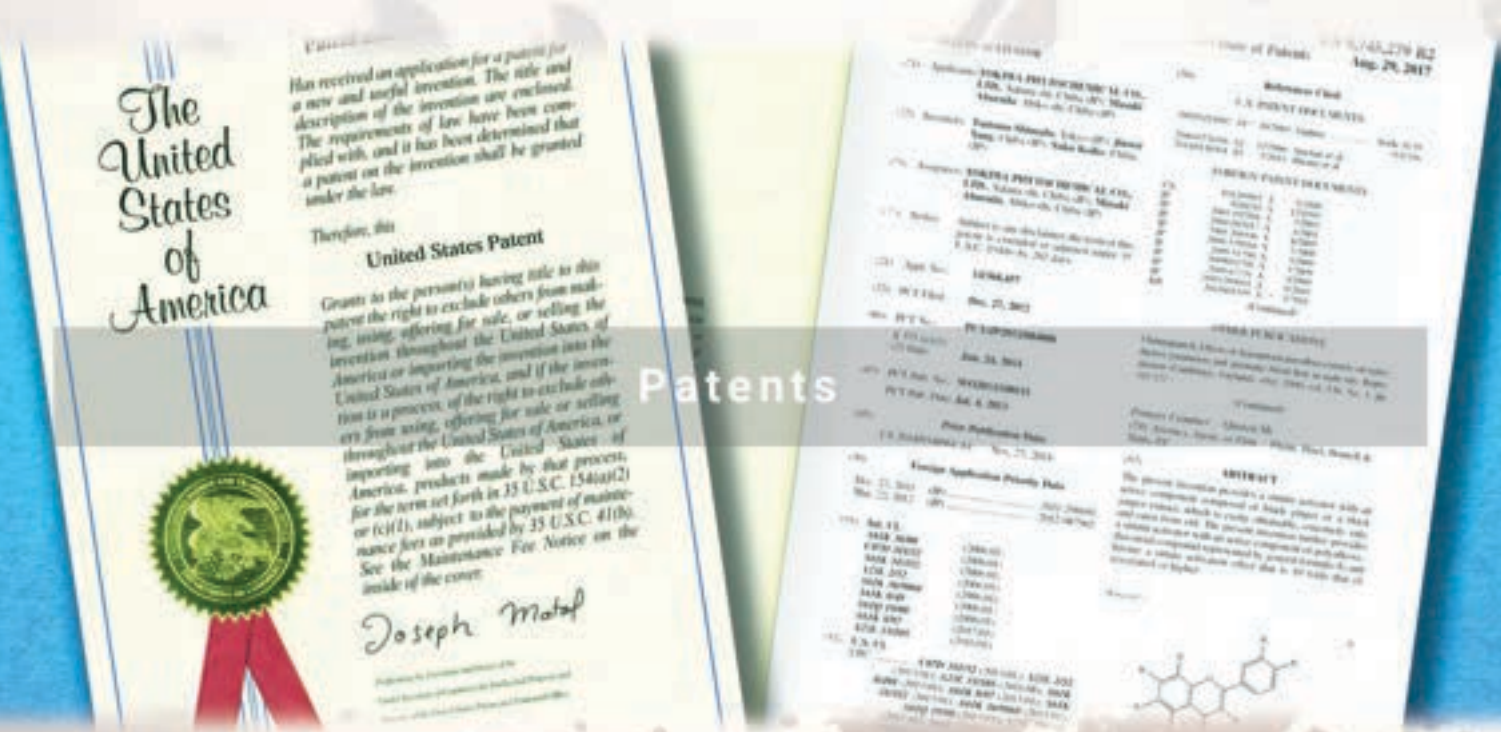


USA Patent No.  
**US9745279**

Title of Invention:  
**SIRTUIN ACTIVATOR**

*“The presented invention provides a sirtuin activator containing black ginger extract with high safety as an active ingredient.*

*The sirtuin activating effect is 10 times or more stronger than resveratrol and contains a polymethoxyflavonoid as an active ingredient.”*



Black ginger known as *Thai ginseng*, *Thai Viagra*, *Thai Anti-aging Elixir*, is very popular in Thailand amongst adult men, especially athletes and Muay Thai fighters, because of its **potency for physical performance**.

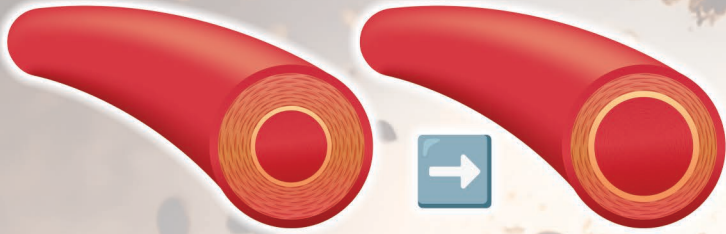


MUAY มวยไทย THAI





**Black ginger is most famous for its libido and sexual capability effects. It allows more vasodilation, meaning more blood can flow to your muscles and to one muscle in particular.**



✓ Blood Vessel Dilation

✓ Reduces neuron damage

✓ Reduces the toxic effects of stress on our brain

✓ Minimizes memory impairment during stress

✓ Increase neuron density in the hippocampus

✓ Improved spatial memory

Protect cardiovascular and cerebrovascular ✓

Improve blood vessel stiffness ✓

Anti-hyperglycemia and anti-glycation ✓

Antithrombotic and prevent blood clot ✓

Anti-obesity ✓







- ✓ Anti-aging
- ✓ Antioxidant and scavenge free radicals
- ✓ Anti-menopause syndrome
- ✓ Improve physical fitness and stamina
- ✓ Strengthen muscles and bone

Antibacterial and anti-allergic effects ✓

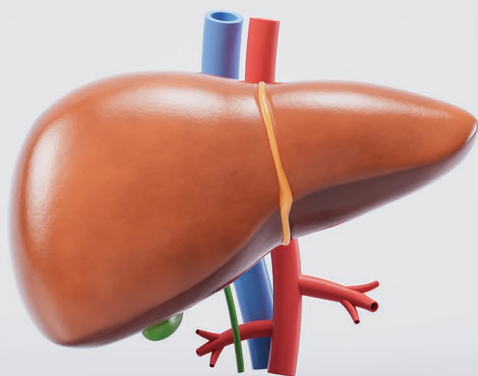
Anti-cancer and anti-tumor ✓

Anti-inflammatory and anti-viral ✓

Regulate immunity ✓

✓ Liver protection

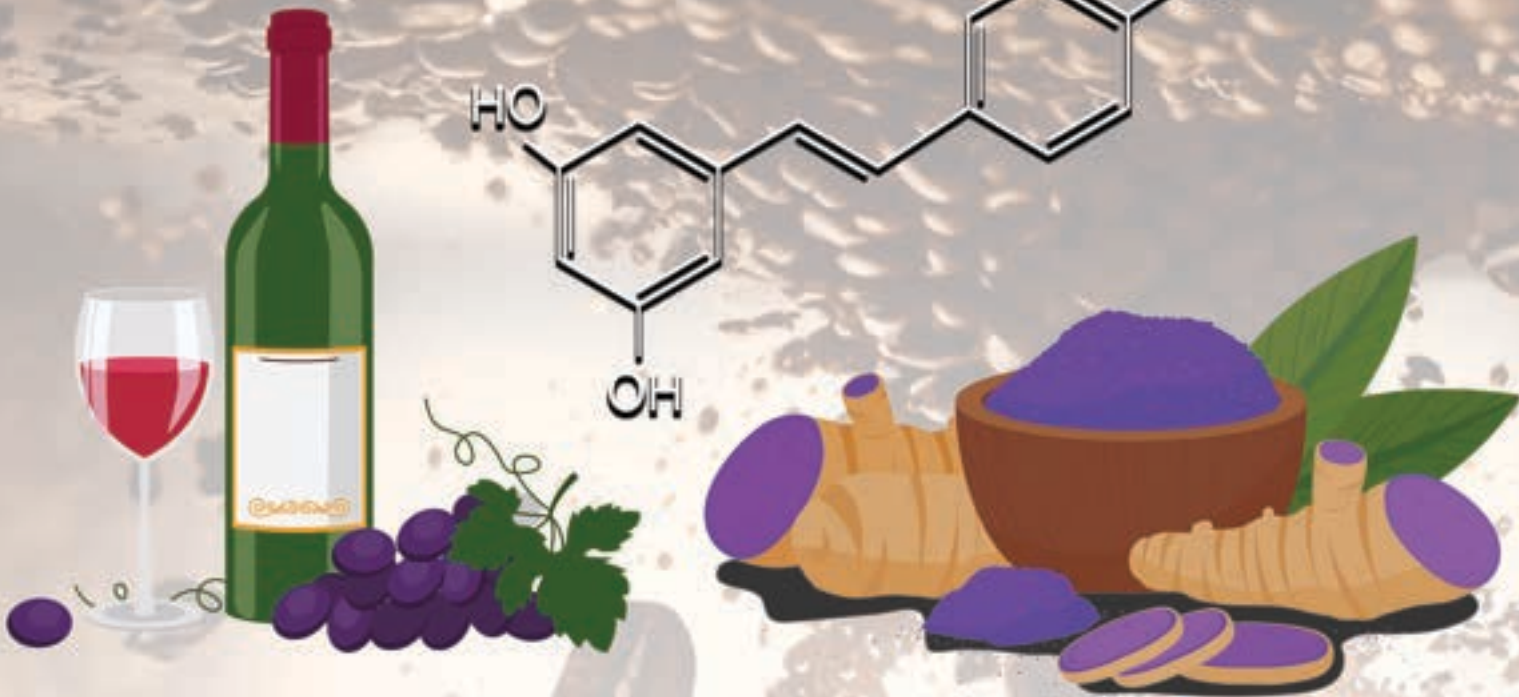
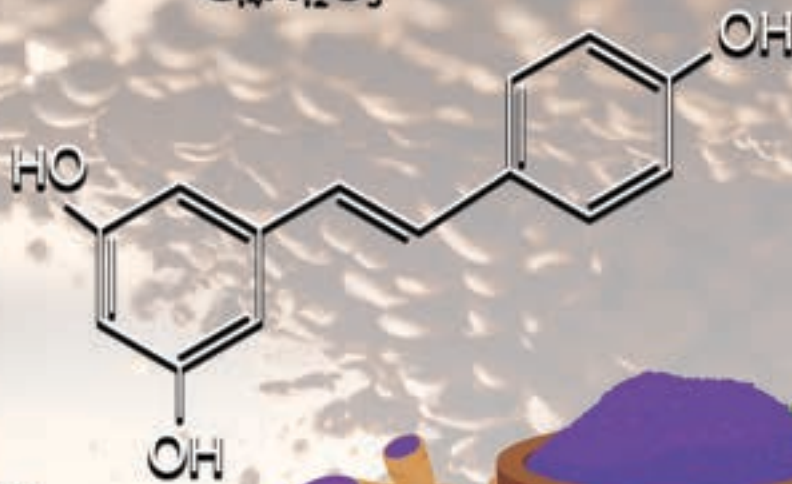
✓ Relieve rheumatism



*SIRTMAX® black ginger maximizes activities of sirtuin (SIRT1) gene in the liver, pancreas, muscle, and fat cells delay the onset of aging-related diseases and extends healthy life.*



Resveratrol  
 $C_{14}H_{12}O_3$



*In Vitro Testing:*

*Research showed that SIRTMAX® is 5-fold more potent than resveratrol, KPMF in SIRTMAX® is 15-fold more potent than resveratrol.*

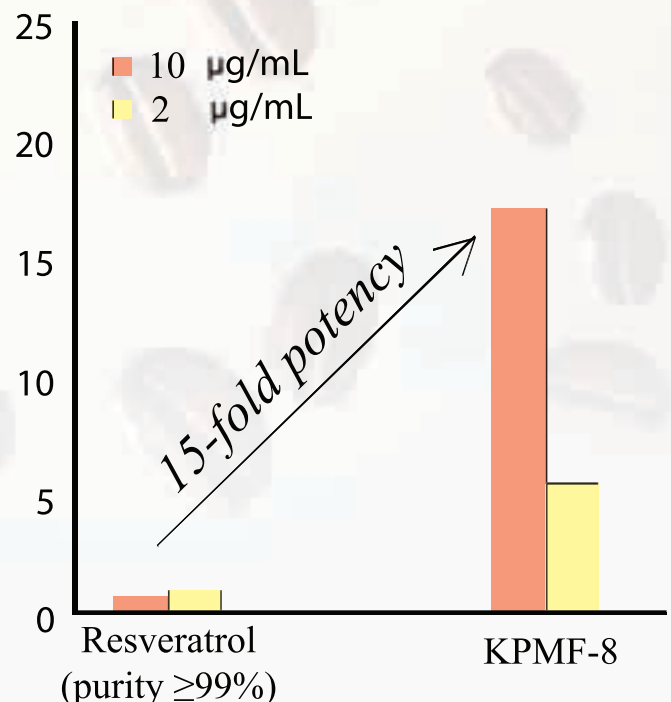
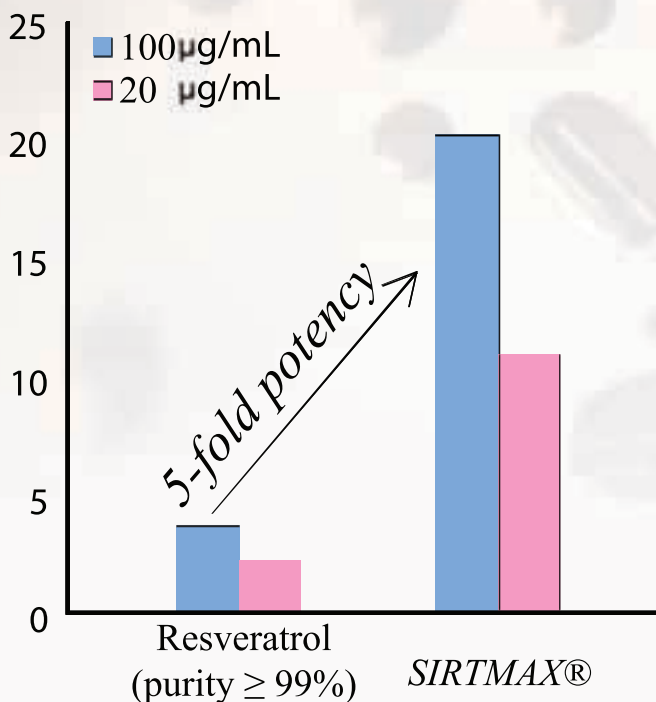
**tokiwa**  
PHYTOCHEMICAL

Collaborate research with Musashino University

世界の幸せをカタチにする。  
Creating Peace & Happiness for the World

**MU**  
Musashino University

*SIRTMAX® and KPMF strongly enhances SIRT1 activity*



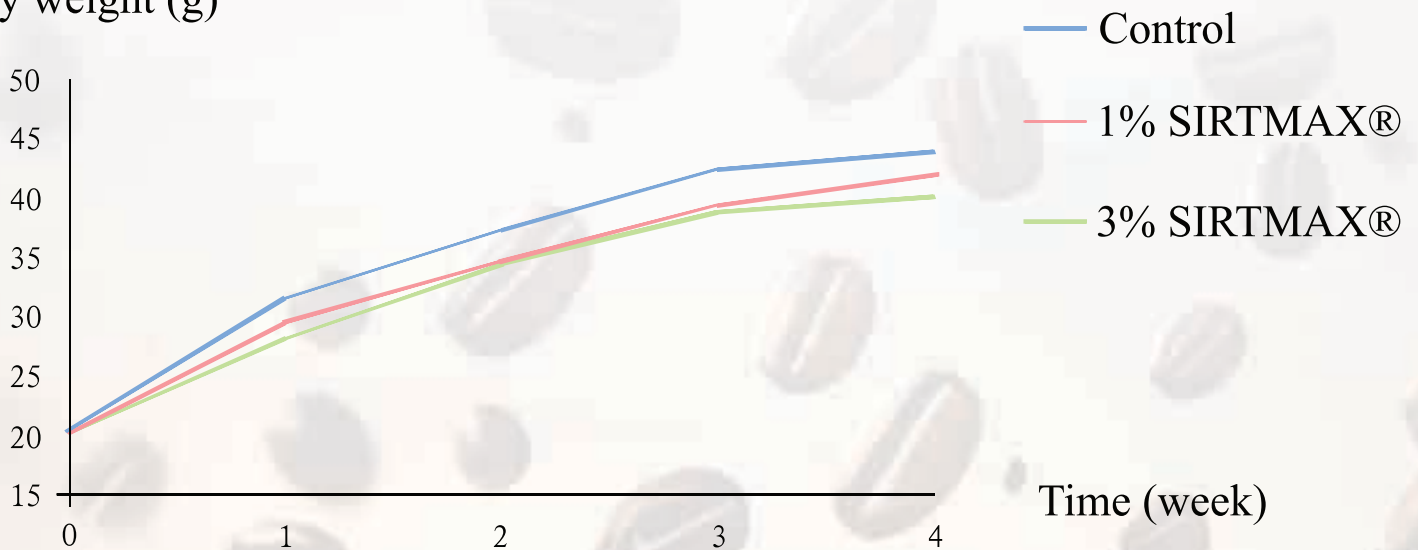
Resveratrol, a natural polyphenol in red wine, was reported to be the most potent natural stimulator of SIRT1 enzymatic action.



Method: Free feeding (bait containing 1% or 3% SIRTMAX®)

Test animal: Spontaneously obesity type 2 diabetic mouse

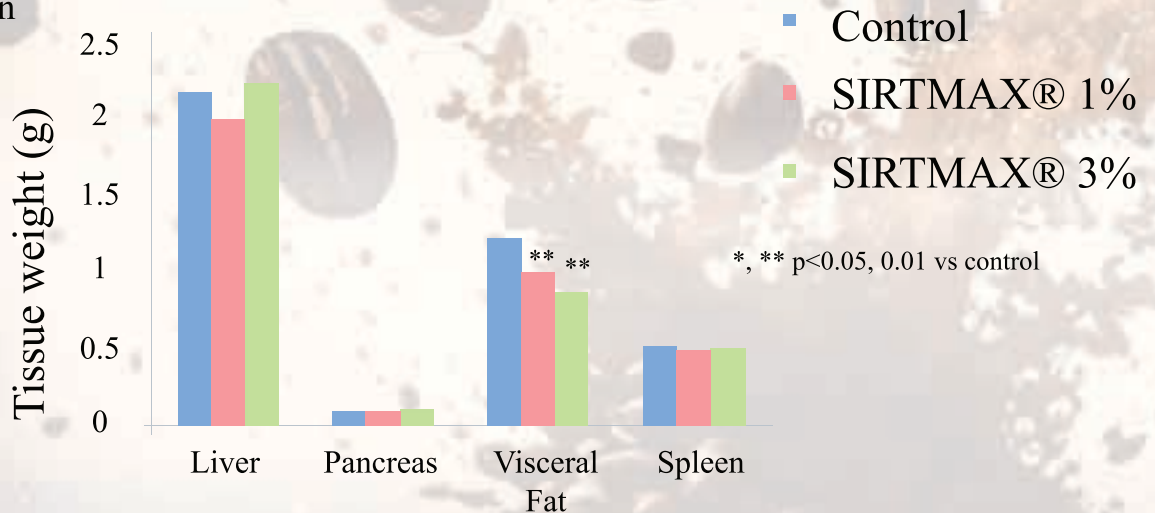
## Body weight (g)



Animal Testing Research showed that SIRTMAX® inhibits weight gain in mice after 1 week

## Visceral Fat Reduction

Removed Organ



CT image

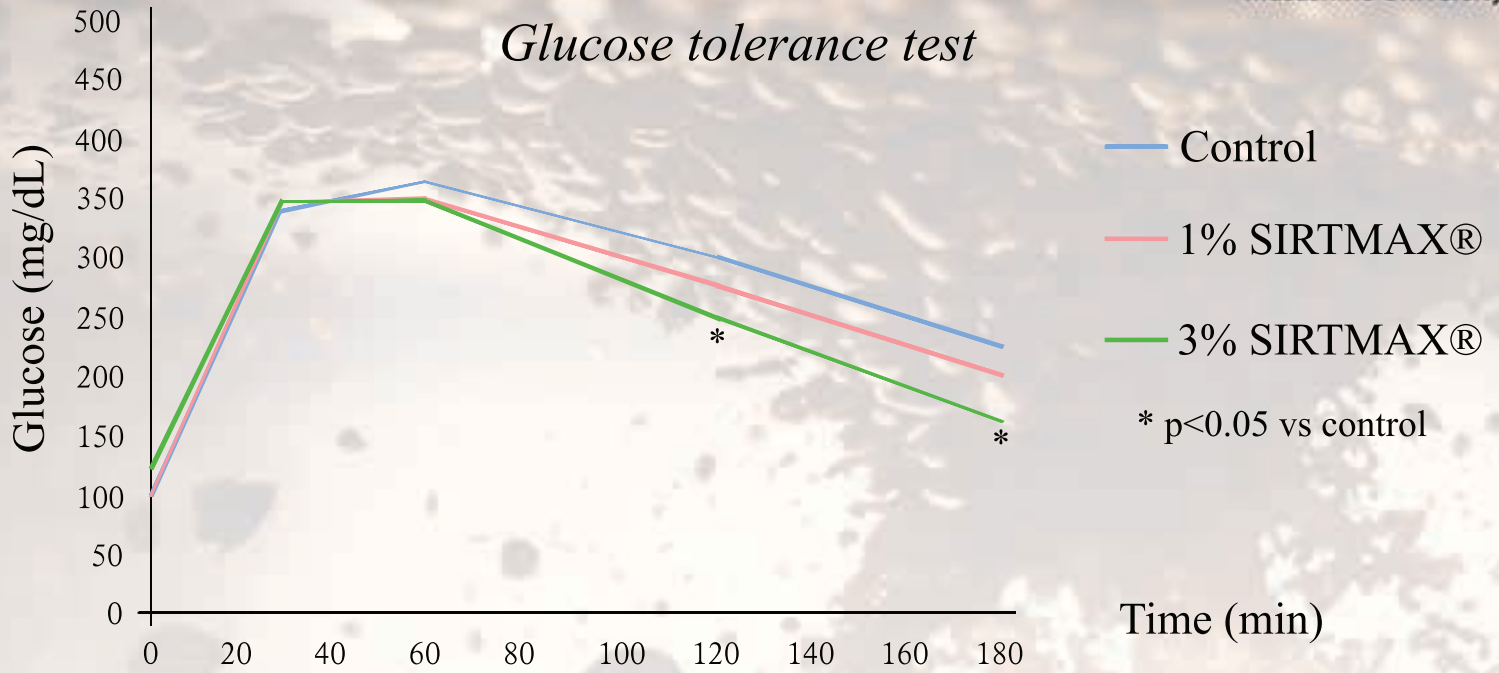


Pink:  
Visceral fat

Animal Testing Research showed that SIRTMAX® reduced Visceral Fat is significantly.

With NO effect of liver, pancreas and spleen



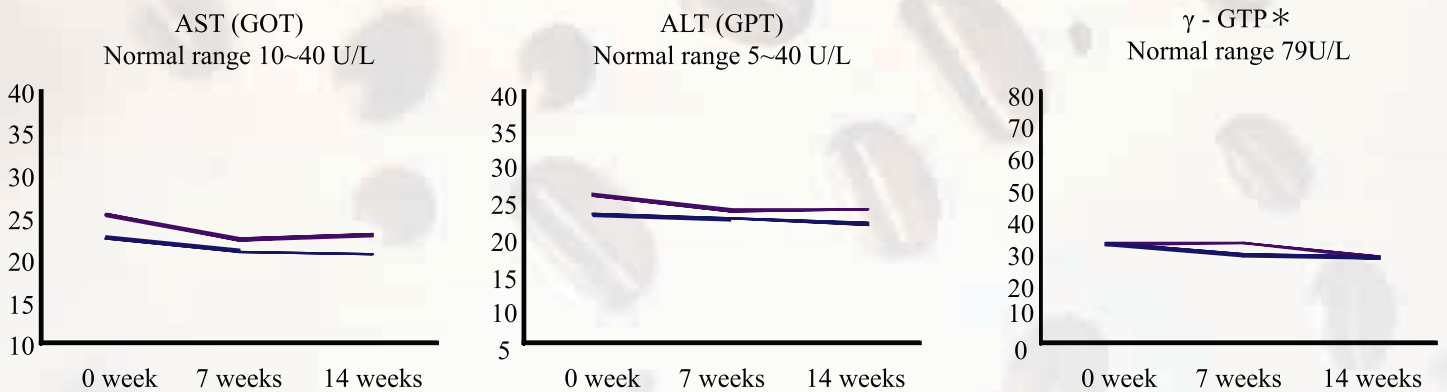


SIRTMAX® effectively restores insulin resistance, a trigger for metabolic syndrome.

Animal Testing Research showed that SIRTMAX® effectively restores insulin resistance.

## Safety of SIRTMAX®

### *Liver Function*



— Group 1 (0 week ~ 7 weeks: SIRTMAX®      7 weeks ~ 14 weeks: Placebo)  
— Group 2 (0 week ~ 7 weeks: Placebo      7 weeks ~ 14 weeks: SIRTMAX®)

\* With the exception of one participant who showed a high level continuously throughout the trial, there was no significant change during the study period

No change was observed in the liver function, blood pressure, and pulse

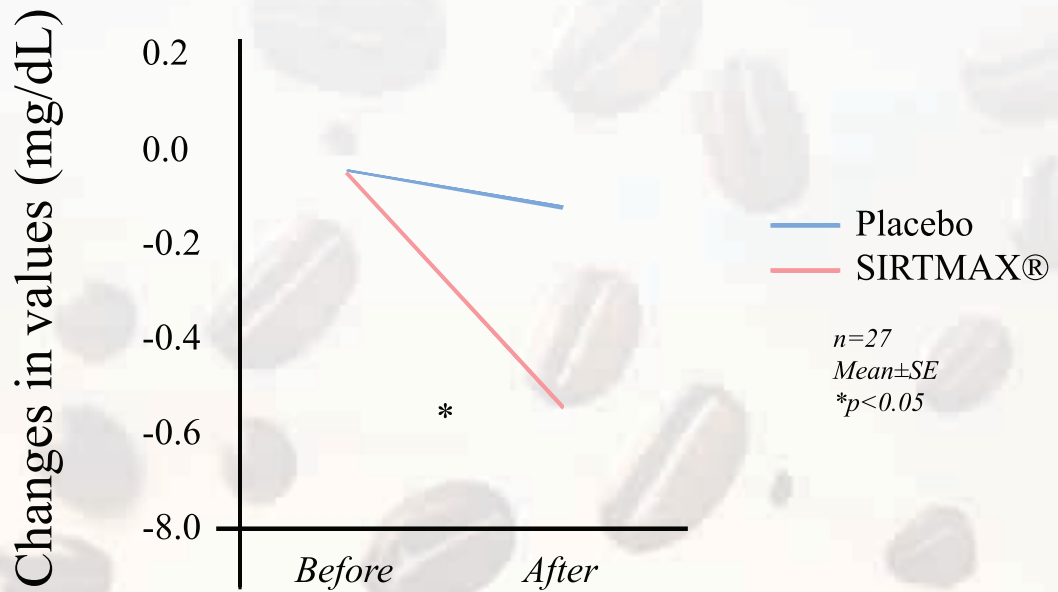


# Anti-hyperglycemia effect

Lorem Ipsum

<Human Clinical Testing>

*fasting blood glucose*



SIRTMAX® decreased blood glucose levels compared with placebo group.

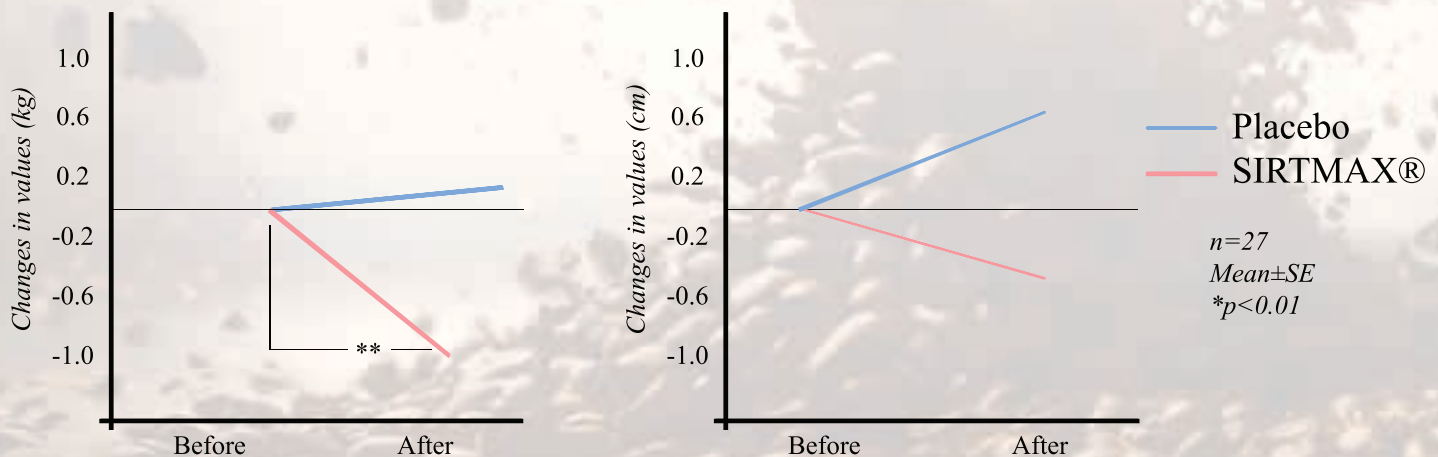
Human clinical testing showed that SIRTMAX® decreased blood glucose levels. (anti-hyperglycemia effect)

# Anti-obesity effect

<Human Clinical Testing>

*Body Weight*

*Waist Circumference*



SIRTMAX® significantly inhibited weight gain and decreased waist circumference compared with placebo group.



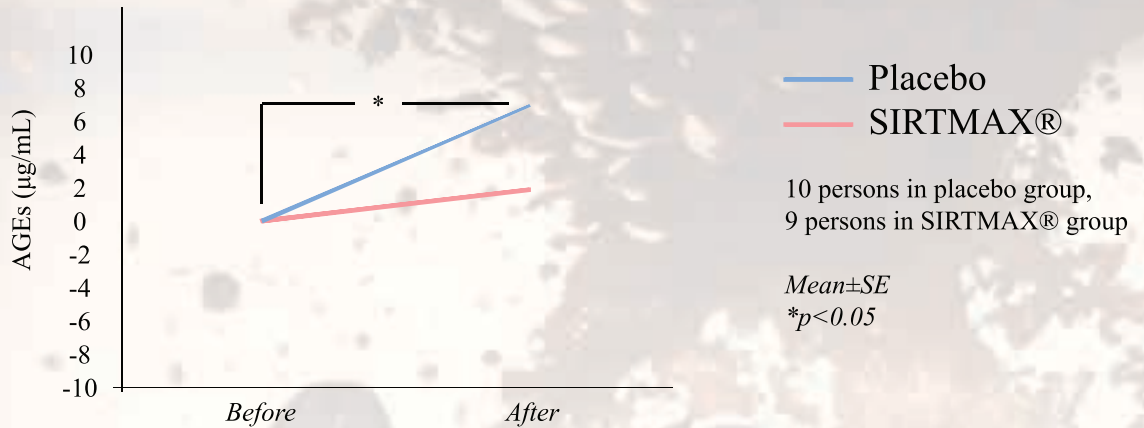
# Anti-glycation effect

## <Human Clinical Testing>

### Glycation

Glycation is a non-enzymatic **irreversible reaction** of protein molecules with sugar molecules.

### Analyses of the subjects whose HbA1c were more than 5.4%\*



\*HbA1c: Index of diabetes, normal range 4.7 ~ 6.2%, more than 6.5% is diagnosed to be diabetes.

SIRTMAX® inhibited AGEs accumulation in blood compared with placebo group.

## Improvement in CAVI values

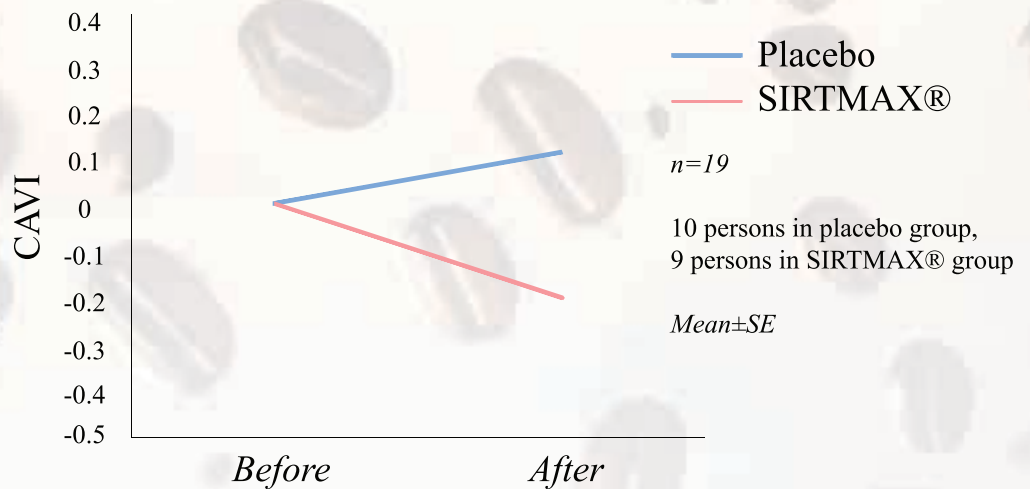
### <Human Clinical Testing> Analyses of the subjects whose HbA1c were more than 5.4%\*

CAVI: A New Arterial Stiffness Index



CAVI: Cardio ankle vascular index

Independent from the blood pressure at measuring time



\*HbA1c: Index of diabetes, normal range 4.7 ~ 6.2% (mean  $\hat{=}$  5.4), more than 6.5% is diagnosed to be diabetes.

SIRTMAX® decreased vessel stiffness (CAVI) compared with placebo group

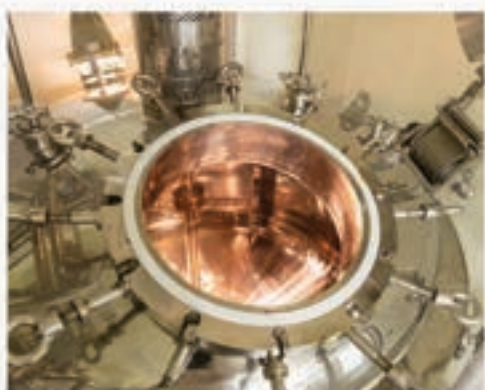
### CAVI

★ Screening index for arteriosclerotic diseases

★ Marker of metabolic syndrome, hypertension, and diabetes mellitus



# Manufacturing process of SIRTMAX® in TOKIWA factory.



100%  
Black Ginger  
Rhizome/root



Extraction

Filtration

Concentration



Drying

Grinding



15%  
SIRTMAX®  
Extraction

Polymethoxy flavonoid



The process to extract SIRTMAX active ingredient (Polymethoxy flavonoid). For 100% roots, we can only extract around 15% actives.



# SIRTMAX™

Superiority



**tokiwa**  
PHYTOCHEMICAL

Traceability from Thailand raw materials to finished product extracted at Chiba Factory.