

Gut Microbiome is the key cause of all chronic diseases.

“90% of human diseases are related to gut microbiome.”

“Analyzing bacteria in stool enables early detection of colorectal cancer.”

“Exponential growth in Allergy, Diabetes, etc ... There is a solution in gut microbiome”

green biome ^{Gut}

- 1 This test can screen microbiome related to Obesity, Irritable bowel syndrome, Chronic diseases, Cardiovascular disease related to meat diet, Arteriosclerosis, Depression, Rheumatoid arthritis and Degenerative macular degeneration at once.
- 2 You can get information about diseases that are not detected through Endoscope, CT or MRI.
- 3 You will be provided with a personalized diet guideline.

Whole Body Microbiome Scan

Start improving your lifestyle with greenbiome !

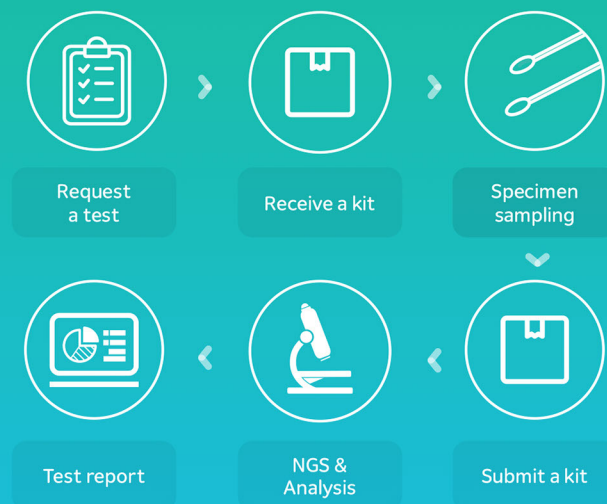
How Can I Request greenbiome?

Test Information

Specimen	Stool 1,000mg(1g)
Analytical time	14 working days
Test method	Next Generation Sequencing
Required document	Requisition form
Precaution	If you have taken antibiotics within the past 3 weeks, or experienced unusual diets and eating habits (binge eating, excessive alcohol intake etc.) in the past few days, your result might be affected.

* This test is conducted by the request from medical institution.

Test Process



Gut microbiome test for me and my family



LIEN-1108-KOBI-201_05_14



greenbiome

provides the information about microbiome.



1 Microbiome is a compound word of Microbe + Biome, meaning microorganisms and its genetic information.



2 With a recent genetic test method, a number of diseases and relevant microbiome are tested in an accurate manner.



3 For healthy balance of microbiome, you will be offered personalized diet guidelines to secure healthy lifestyle.

If the balance of microbiome falls apart, your health also falls apart.



The number of microbiome existing in human body
50-100 trillion

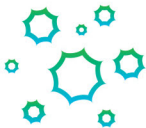


The weight of microbiome existing in human body
2kg (4.40lb)

Intermediate bacteria

Beneficial bacteria

Harmful bacteria



The number of microbiome compared to human cells
2 times or more



Types of gut microbiome
About 5,000 species

* J Cardiovasc Nurs. 2014 Nov-Dec;29(6):479-81.

green biome

can analyze these major diseases.

Arteriosclerosis
Metabolite from certain bacteria can have impacts on production and repression of inflammatory reaction

Chronic Disease
Butyrate-producing microorganisms are involved in diabetes and hypertension, etc.

Obesity
Help to lose weight by reducing Lipid polysaccharides in blood and the size of fat cells

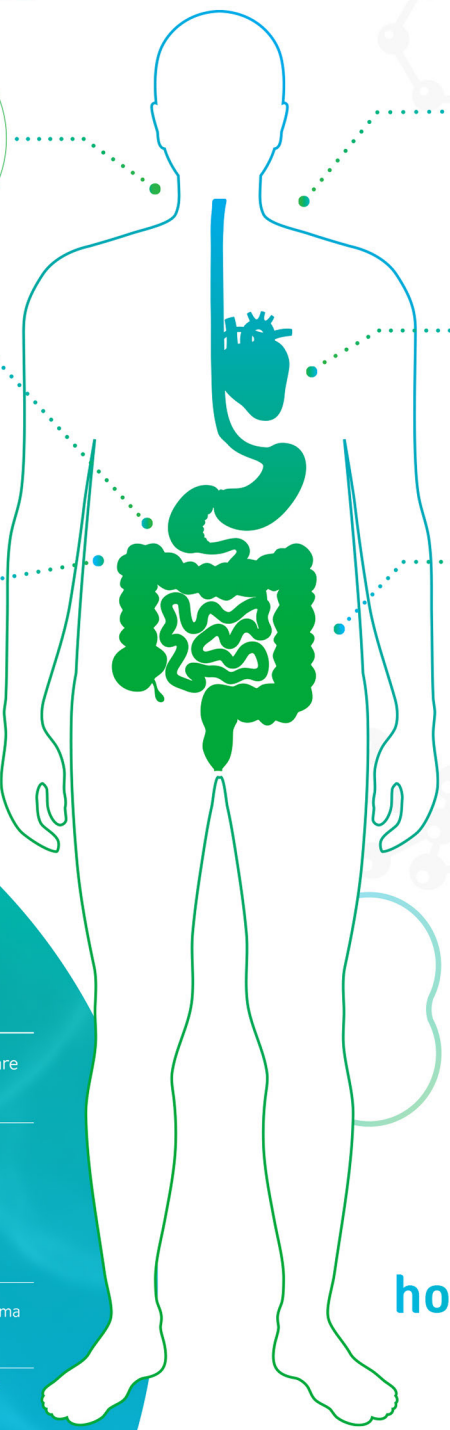
Cardiovascular Disease
Certain microbiome produce risk factors related to cardiovascular diseases

Balance of Microbiome
Related to Systemic inflammatory response, Intestinal homeostasis, Immune function and Brain function, etc.

Irritable bowel syndrome
Related to Intestinal inflammation, Intestinal protection and barrier and raise the possibility of irritable bowel syndrome

Colon polyp
Adhesion to and penetration of the gut epithelial cells raise the risk of inflammatory response and colon polyp

Diversity of Microbiome
Related to the inflammatory bowel disease, irritable bowel syndrome and systemic metabolic and inflammatory diseases



greenbiome is easy and cost-effective compared to other health checkup tests.

	greenbiome Gut	Ultrasound & Endoscope
Test Purpose	Testing Microbiome related to various diseases for early preventions and lifestyle improvements such as diet.	Detect diseases that are in progress
Test Disease	Obesity, Irritable bowel syndrome, Chronic disease, Arteriosclerosis, Cardiovascular disease related to meat diet, Colon polyp, Depression, Rheumatoid arthritis and Degenerative macular degeneration at once.	Specific diseases
Caution	N/A (Maintaining usual diet)	Require abstinence, enema and sleeping drugs
Side effects	N/A	Urge to go to toilet and pain

greenbiome provides a holistic solution for health management.