



**Rebirth DNA Testing**

**"Behind Every Data Point Is A  
Human Being"**



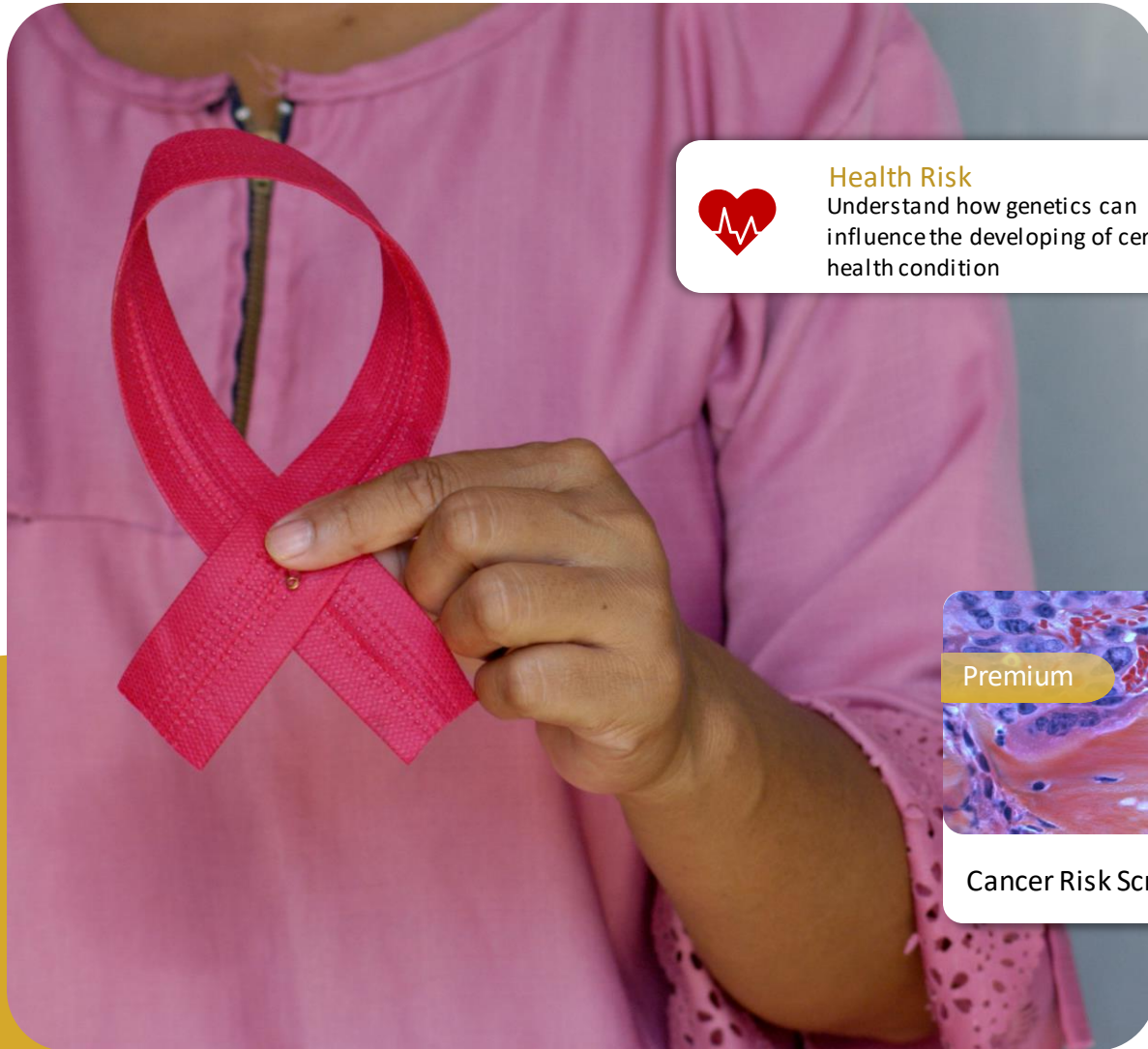
# Your DNA, Your Health

## What Insights Await?

Ever wondered what your DNA can reveal about your health? With DNA Insights, we provide you with a complete health picture backed by the latest scientific research. Discover what your DNA says about your health, lifestyle factors like diet, exercise, and sleep, and take proactive steps to stay one step ahead of your genetic risks.

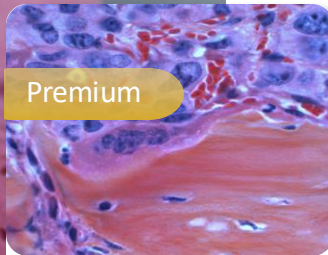
Our personalized reports break down your genetic data and offer potential next steps to empower you on your health journey. Complete your health picture through DNA insights today.





### Health Risk

Understand how genetics can influence the developing of certain health condition



Cancer Risk Screening

## Cancer Risk Screening

### 1 in 8 Patients with Cancer has a Gene Mutation

Hereditary factors play a crucial role in the development of several types of cancer. That's why understanding your genetic makeup through germline mutation screening can be a game-changer.





Day 1

### Dumbbells

2-3 sets , 5-8 reps



Day 2

### Yoga

60 min



Fitness

Personalized Insights to

## Maximize Your Performance

Are you built for power or endurance? How effectively does your body process oxygen during workouts? With actionable DNA reports, you can discover how to get the most out of your workouts. tailored to your unique DNA.

## Achieve your Ideal Weight

# With a DNA-Based Weight Loss Plan

What works for one person may not work for another. Discover the diet and exercise that align perfectly with your genetic profile to achieve sustainable and long-lasting results.



Day 1

### Dumbbells

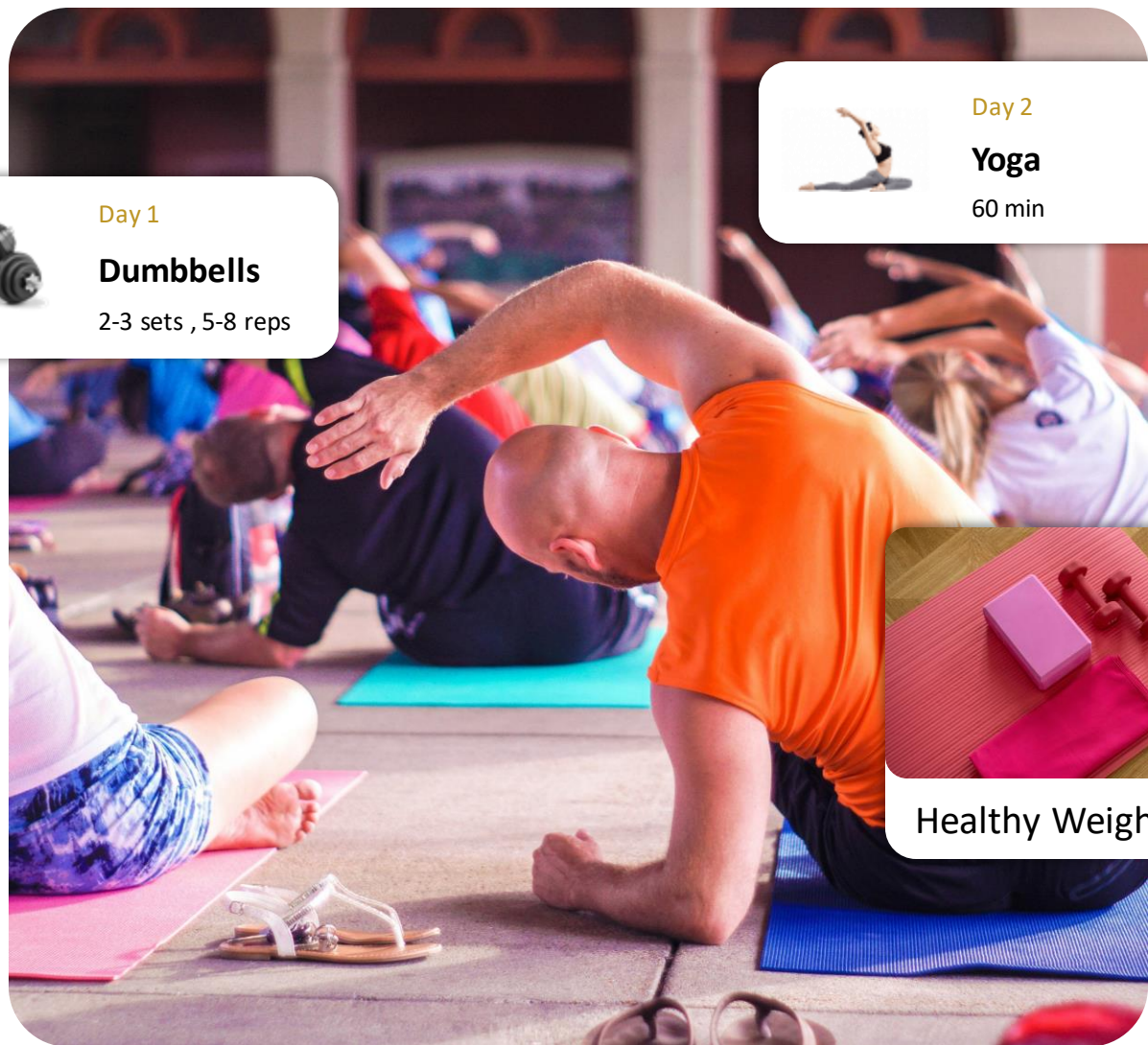
2-3 sets , 5-8 reps



Day 2

### Yoga

60 min



Healthy Weights

# Our Superior Standards

## Your Confidence in Genetic Insights

We maintain the highest standards for accurate and reliable genetic insights.



### CLIA Certified Lab

Samples meticulously processed in a CLIA certified and CAP accredited lab for precision.



### Personalized Guidance

Tailored lifestyle recommendations based on your genetics.



### FDA Cleared

Our kit is FDA cleared for safety and effectiveness.



### In-Depth Gene Analysis

We explore over 20,000 genes for a comprehensive view. Including more than 10 Million genetic markers based on our algorithm.



### Rigorous Validation

Results meet strict standards for validity, consistency, and accuracy.



### Doctor Consultation

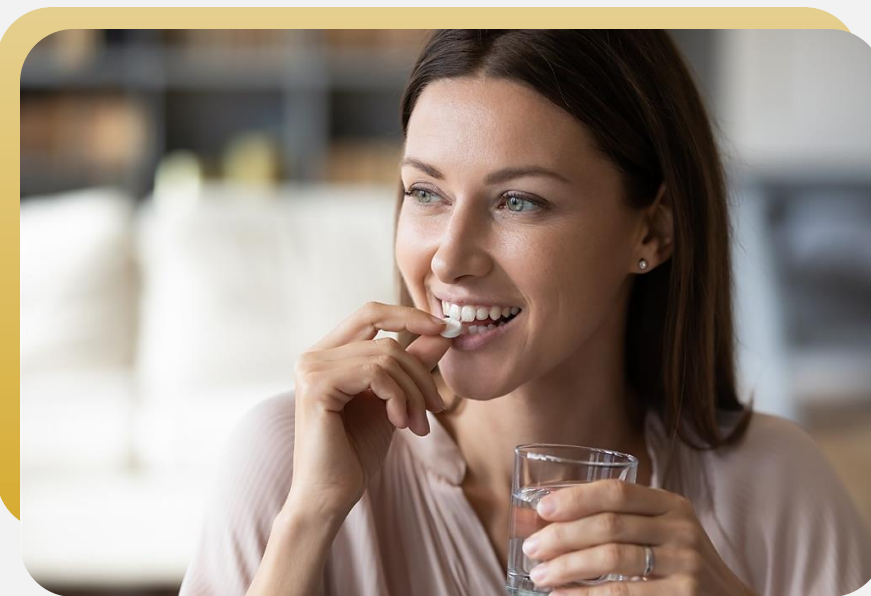
1 -on- 1 consultation with our doctors post-test for result interpretation and health planning.



Discover the Sources of

## Your Food Intolerance

Are you experiencing unexplained health issues like digestive discomfort, headaches, or skin problems? Our Rebirth test can help you pinpoint the sources of your symptom, whether it's lactose, gluten, or more.



Personalized Vitamins

## Tailored to Your Unique Needs By

understanding your unique nutrigenetic profile, we provide you with tailored insights into the best food choices and supplement recommendations specifically for you.



# About us:

With recent technology and the Human Genome Project completed in 2003, the impossible is now possible. We can now decode the secret in our DNA and gain insights into how our bodies and minds work.

Rebirth is on a mission **to make DNA testing affordable and accessible for everyone.** Now you can communicate with your genes and receive the keys to optimize your health based on your specific genetic makeup.



# Rebirth DNA

Unravel health secrets with Rebirth DNA, reporting over 500+ reports with 1 on 1 recommendations from our medical team.

## 500+ Health reports

### Heart conditions

40+

- Heart Failure
- CPVT (sudden death due to marathon)
- Brugada Syndrome

And many more...

### Brain Disorder

100+

- Neurodegenerative Disorder
- Neurovascular Disorder
- Movement Disorder
- Epilepsy Seizures

And many more...

### Pollution Sensitivity

10+

- Air Pollution
- Secondhand smoke
- Pesticides
- Traffic related pollution

And many more...

### Carrier Status

100+

- Cystic Fibrosis
- Sickle Cell Anemia
- Tay-Sachs Disease
- Pituitary Hormone Deficiency

And many more...

### Health predispositions

20+

- Alzheimer's
- Type 2 Diabetes
- G6PD Deficiency
- Hypertension
- Elevated Cholesterol

And many more...

### Wellness

40+

- Vitamin Needs
- Lactose Intolerance
- Gluten Sensitivity
- Alcohol Flush Reaction
- COVID-19 Severity

And many more...

### Cancer

10+

- Breast & Ovarian Cancer
- Colorectal Cancer
- Gastric Cancer
- Bladder Cancer
- Melanoma

And many more...

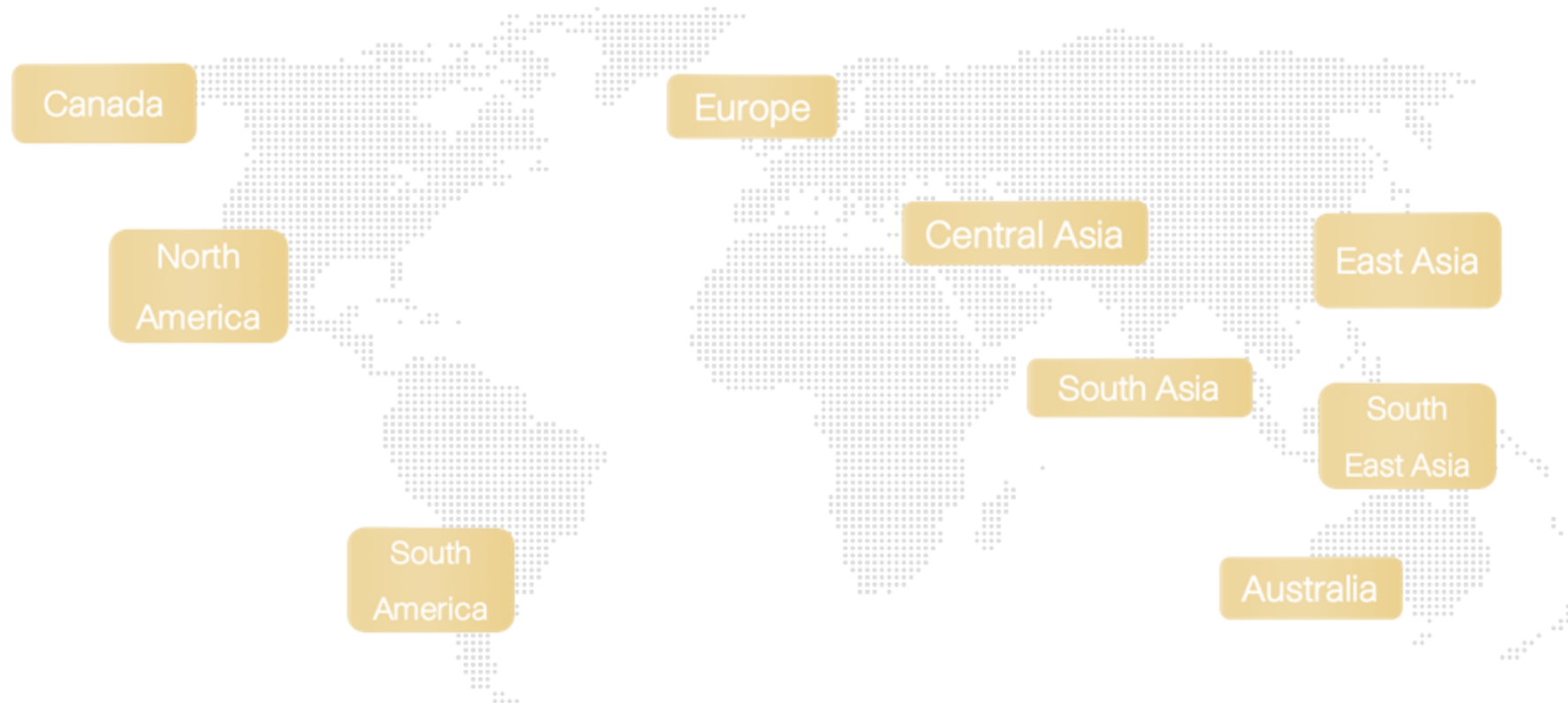
### Pharmacogenetics

90+

- Allopurinol
- Cardiovascular
- Pain management
- Psychiatric Drugs

And many more...

# Rebirth DNA Global Footprint



# Empower Your Health

## With Actionable DNA Insights

A Lifelong Roadmap with One Test





# Premium DNA Package

Premium health + Talent plus Methylation and Detoxification: over 500 reports

## 500+ reports including:

- Cancer risk
- Breast cancer
- Colorectal cancer
- Gastric cancer
- Pancreatic cancer
- Ovarian cancer
- Lung cancer
- Skin cancer
- Cervical cancer
- Urinary bladder cancer

## Skin and Beauty

- Age spots
- Freckles
- Glycation protection
- Acne risk
- Stretch marks
- Sun sensitivity
- Wrinkles
- Cellulite protection
- Keloid formation

## Nutrition and Food sensitivities

- Lactose Intolerance : MCM6 gene
- Caffeine metabolism : CYP1A2 gene
- Alcohol flush reaction : ALDH2 gene
- Response to dietary saturated fat : APOA2 gene
- Celiac disease : HLA-DQA1, HLA-DQA2 gene
- Sweet tooth : SLC2A2 gene
- Satiety - feeling full : FTO gene

## Detoxification and Antioxidant defense

- Cellular detoxification : SOD2 gene
- Liver detoxification: GSTP1 gene

## Weight loss that suits you

- Low-carb diet
- Low-fat diet
- Caloric restriction
- Ketogenic Diet
- Intermittent fasting
- Cardio exercise
- Strength training exercise

## Premium Health risk report

- APOE ε4 : Alzheimer's disease
- Parkinson's disease
- Age-related macular degeneration
- Hereditary hemochromatosis
- Hereditary thrombophilia
- G6PD deficiency
- Type 2 Diabetes
- Hypertension
- Elevated LDL Cholesterol
- Elevated Triglycerides
- Decreased HDL Cholesterol
- Osteoarthritis
- Osteoporosis
- Periodontitis

- Telomere length
- Lipoprotein (a)
- Glaucoma
- Gallstones
- Varicose veins

## Personalized Vitamin and Mineral needs:

- Vitamin A : BCMO1 gene
- Vitamin B6 : NBPFF3 gene
- Vitamin B9 – Folate : MTHFR gene
- Vitamin B12 : FUT2 gene
- Vitamin C : SLC23A1 gene
- Vitamin D : GC gene
- Omega-3 : FADS1 gene
- Calcium
- Copper
- Phosphorus
- Magnesium
- Zinc

## Personality and Physical traits

- Addictive behavior
- Androgenetic alopecia
- Asparagus odor detection
- Hair thickness
- Earwax type
- Misophonia
- Morning person
- Intrinsic motivation to exercise
- Motion sickness
- Age-related hearing loss
- Stress management

## Talents

- Intelligence
- Language ability
- Mathematical skills
- Memory performance
- Multitasking skills
- Musical ability
- Reading and spelling
- Task attention
- Working memory
- Creativity
- Power sports
- Endurance sports

- Genetic Height
- Ancestry DNA report
- Allergy and Pollution sensitivity
- Drug response and Drug allergy
- Your risk for severe COVID-19
- Your personalized sleep quality
- Screening for 112 hereditary brain disorders
- Screening for 45 hereditary heart disorders
- Genetic carrier screening for 101 inherited conditions

# At Home DNA Test Kit

Just 3 Steps to Begin Your Rebirth DNA Journey



Simple Saliva Swab

Start by collecting your sample at the comfort of your home using our easy-to-use saliva swab.



Send It Back

Send your sample back to Rebirth DNA using the provided return packaging.



Discover

Access your comprehensive reports through the Rebirth DNA app and gain valuable insights into your genetic makeup.

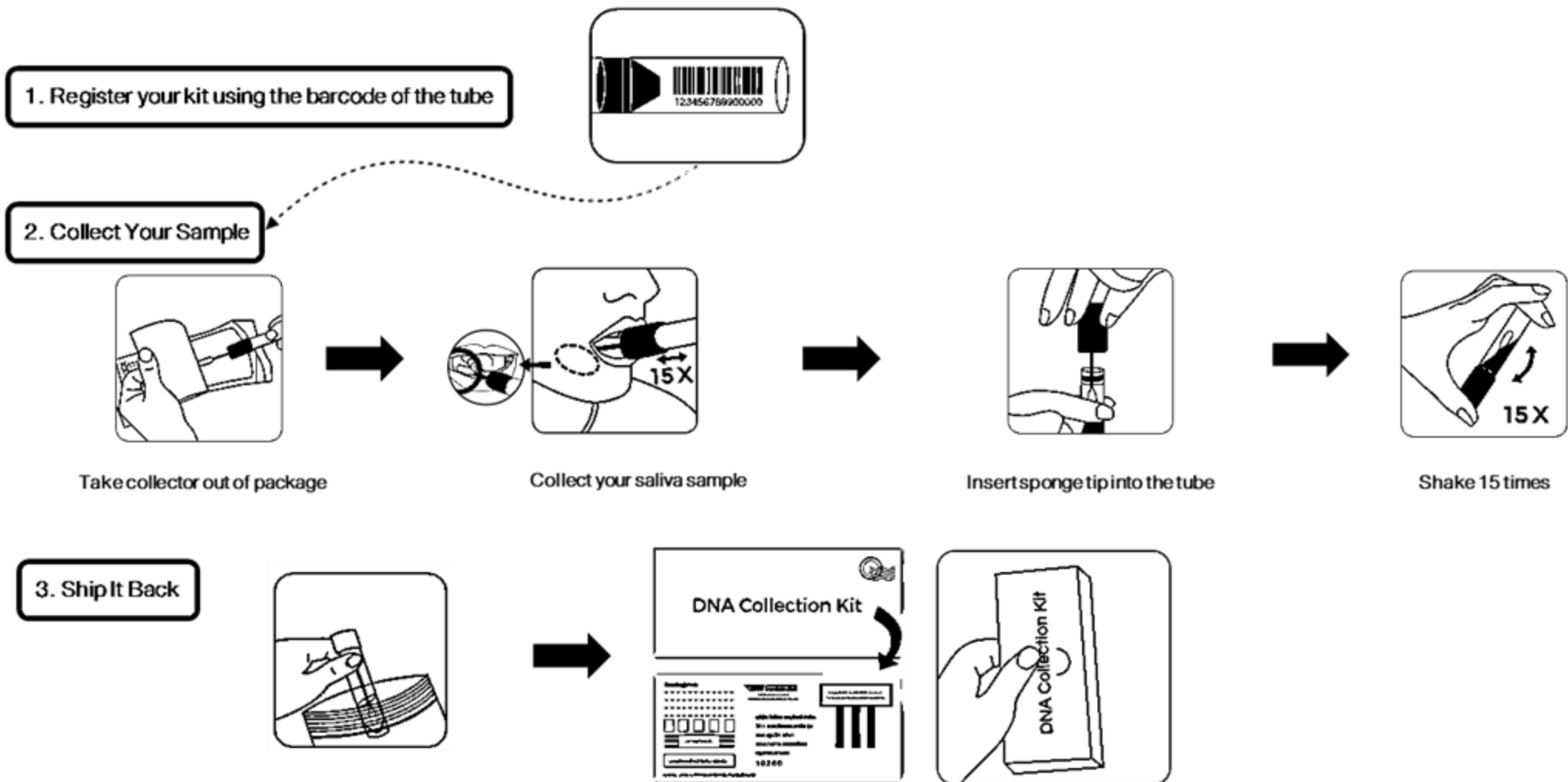
# Rebirth DNA Test Kit

## At Home DNA Test Kit

- Proven quality
- Easy collection
- Stable even at high temperatures
- Standard mailing



# How It Works







# Our Laboratory

- A US-standard laboratory, adhering to international standards with **CAP accreditation** and **CLIA certification**, recognized globally.
- DNA analysis and interpretation carried out by expert professionals.
- Commitment to maintaining high-quality standards in genetic testing and reporting.

## "TEMPUS



illumina®



CLIA  
Certified

FDA  
CLEARED



# Example of Reporting Results

## Vitamins & Minerals Report

Our testing focused on the variants present in the genes responsible for regulating the absorption of vitamins and minerals from food. This report aims to enhance your understanding of your body's gene functions and provide insights into the specific vitamins and minerals essential for your optimal health.

Vitamin B6	STAY BALANCED >
Vitamin B9 - Folate	STAY BALANCED >
Vitamin B12	OPTIMIZE INTAKE>
Vitamin A	OPTIMIZE INTAKE>
Vitamin C	STAY BALANCED >
Vitamin D	OPTIMIZE INTAKE>
Omega-3 fatty acids	OPTIMIZE INTAKE>
Calcium <b>New !</b>	OPTIMIZE INTAKE>
Copper <b>New !</b>	OPTIMIZE INTAKE>
Magnesium <b>New !</b>	OPTIMIZE INTAKE>
Phosphorus <b>New !</b>	STAY BALANCED >
Zinc <b>New !</b>	STAY BALANCED >

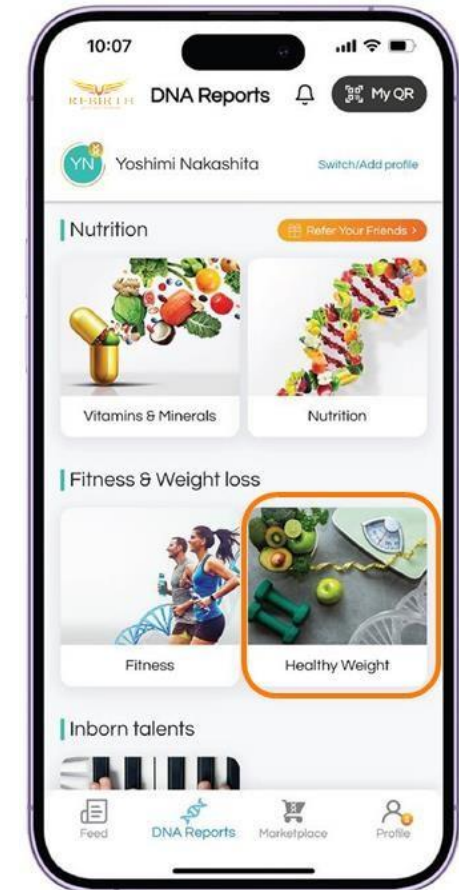
## Vitamin & Minerals



### VITAMINS & MINERALS

Find out which vitamins and minerals you need more of for your optimal health.

[VIEW REPORT](#)



# Example of Reporting Results

## Vitamin & Minerals

### Vitamin B6

YOUR DNA SAYS...

THE SCIENCE BEHIND GENES

Your DNA says...

**Optimize intake**

"You likely have lower blood levels of vitamin B6."

OPTIMIZE INTAKE



STAY BALANCED

Gene  
NBPF3

Marker  
rs4654748

Your result  
CC

## Recommendations

Vitamin B6 helps support the proper function of the brain and nervous system, boosts mood, maintains healthy blood vessels, promotes red blood cell health and enhance immunity. It is needed to make neurotransmitters (nerve messengers which transmit signals from one nerve cell to another nerve that help control your mood).

Vitamin B6 deficiency Can be related to mood changes like irritability, anxiety, depression and insomnia. More severe deficiency can be related to seizures.

Your genetic result indicates that you are at risk for having lower levels of vitamin B6 in your blood. Therefore, it is important to get adequate amounts of nutrient in your diet.

- Good source of vitamin B6 include beans, whole grains, sunflower seeds, spinach, avocados, bananas, watermelon, lean meat, eggs and fish.

### Good Sources of Vitamin B6



Yellowfin tuna



Salmon



Chicken breast



Firm fortified tofu



Sweet potatoes



Bananas



Avocados



Pistachios

# Example of Reporting Results

## Vitamin & Minerals

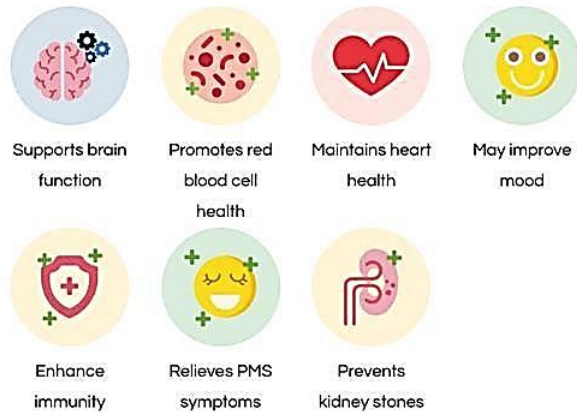
### Vitamin B6

YOUR DNA SAYS...

THE SCIENCE BEHIND GENEUS

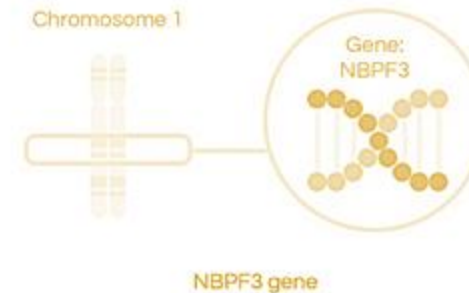
Vitamin B6, also called pyridoxine, helps support the proper function of the brain and nervous system, boosts mood, maintains healthy blood vessels, promotes red blood cell health and also enhance immunity.

#### Benefits of Vitamin B6



The recommended intake of vitamin B6 for most adults is 1.3 to 1.7 milligrams.

### NBPF3 gene



The genetic marker in the NBPF3 gene has been found in several studies to be associated with reduced levels of vitamin B6, possibly due to faster than normal clearance of this vitamin from the bloodstream.

The studies we report observed associations between vitamin levels and particular genotypes; however, that does not mean that your levels are out of balance. You should ensure that you are eating a healthy diet and discuss this result with your physician.

### References

1. Malouf R et al. (2003). The effect of vitamin B6 on cognition. Cochrane Database Syst Rev.
2. Tanaka T et al. (2009). Genome-wide association study of vitamin B6, vitamin B12, folate, and homocysteine blood concentrations. Am J Hum Genet.
3. Hazra A et al. (2009). Genome-wide significant predictors of metabolites in the one-carbon metabolism pathway. Hum Mol Genet.



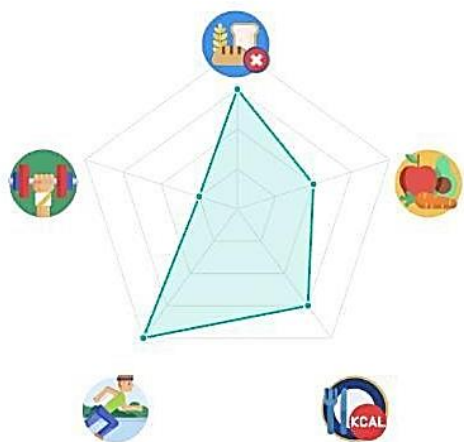
# Example of Reporting Results

## Healthy Weight Reports

What types of diet suit you best?

Your diet has been selected by looking at hundreds of genes that influence an individual's sensitivity to weight and body fat loss [Read More](#)

How often do you exercise in a week?



Low-carb diet	EFFECTIVE>
Low-fat diet	INEFFECTIVE>
Low-calorie diet	EFFECTIVE>
Cardio exercise	VERY EFFECTIVE>
Strength training	VERY INEFFECTIVE>

### YOUR PERSONLIZED DIET STYLE

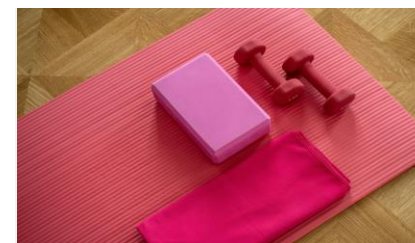
✓ What you can do

- Intermittent fasting (IF)
- Clean eating
- Low-carb paleo diet

✗ What you shouldn't do

- Keto diet

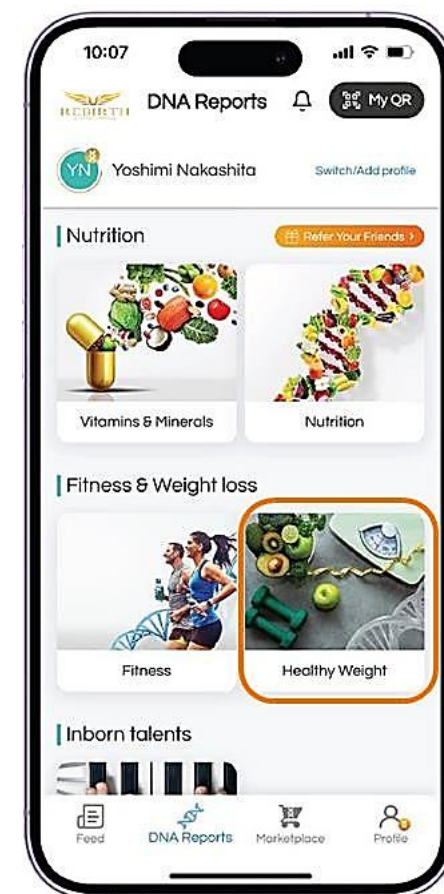
## Healthy weight



### HEALTHY WEIGHT

Your diet has been selected by looking at hundreds of genes that influence an individual's sensitivity to weight and body fat loss.

[View Report](#)



# Example of Reporting Results

## Healthy weight



Your personalized Exercise Plan



### Cardio Exercise

Frequency >= 3d/wk | Intensity Moderate - Vigorous | Duration >= 150 min



### Strength Exercise

Frequency 3 d/wk | Sets & reps 3 sets, 12 reps | Muscle Groups Chest, Back, Legs, Shoulders, Core (abs and low back), Arms

▼  +  Gym - Cardio Machine

▼  +  Gym - Fitness Classes

▼  +  Home - Walk

▼  +  +  Home - Run + Bike

▼  +  Mix - Home + Gym

### Cardio Exercise

### Strength Exercise

 Row machine  
30 minutes

START  
Day 1

 Elliptical trainer  
30 minutes

Day 2

 Weight machine  
3 sets, 12 reps

Day 3

 Bike  
30 minutes

Day 4

 Treadmill  
30 minutes

Day 5

 Power pump  
30 minutes

Day 6

 Elliptical trainer  
30 minutes

★  
Day 7  
FINISH

# Example of Reporting Results

## Healthy weight



Your personalized Exercise Plan



### Cardio Exercise

Frequency | Intensity | Duration  
 >= 3d/wk | Moderate - Vigorous | >= 150 min


### Strength Exercise

Frequency | Sets & reps | Muscle Groups  
 3 d/wk | 3 sets, 12 reps | Chest, Back, Legs, Shoulders, Core (abs and low back), Arms

▼  +  Gym - Cardio Machine

▼  +  Gym - Fitness Classes

▼  +  Home - Walk

▼  +  Home - Run + Bike

▼  +  Mix - Home + Gym

### Cardio Exercise

### Strength Exercise

 Spin class  
45 minutes

START  
Day 1

 Weight class  
30 minutes

 Walk  
60 minutes

Day 2

Day 3

 Elliptical  
30 minutes

Day 4

 Power moves  
3 sets, 12 reps

Day 5

 Run  
20 minutes

Day 6

 Dumbbells  
3 sets, 12 reps

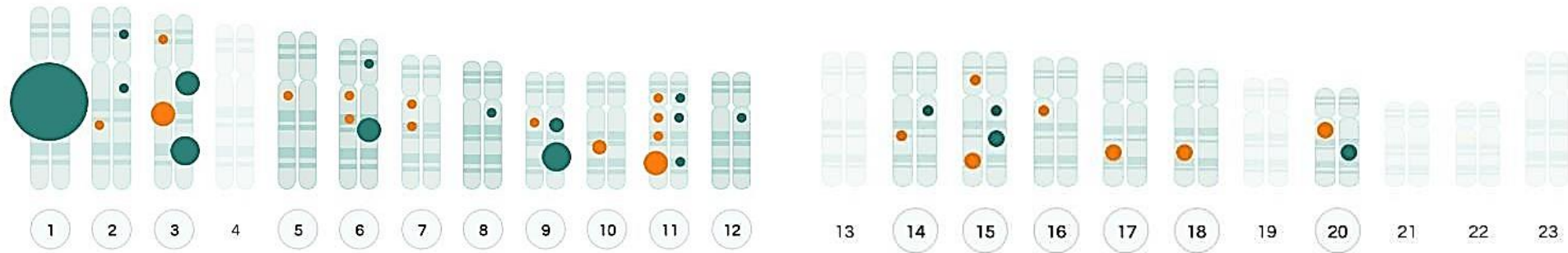
Day 7

FINISH

# Example of Reporting Results

## Healthy weight

### Related Genes




### References

1. YC Klimentidis et al. (2015) High genetic risk individuals benefit less from resistance exercise intervention International Journal of Obesity (2015) 39, 1371-1375
2. Garenc CI et al. (2003) Effects of beta2-adrenergic receptor gene variants on adiposity: the HERITAGE Family Study. Obes Res. 2003 May
3. Anne McTiernan et al. (2007) Exercise Effect on Weight and Body Fat in Men and Women Obesity (Silver Spring) 2007 Jun;
4. Soyeon Cha et al. (2018) Impact of Genetic Variants on the Individual Potential for Body Fat Loss. Nutrients. 2018 Mar; 10(3): 266
5. Jialiang Liu et al. (2019) Comparison of Dietary Micronutrient Intakes by Body Weight Status among Mexican-American and Non-Hispanic Black Women Aged 19—39 Years: An Analysis of NHANES 2003—2014 Nutrients. 2019 Dec; 11(12): 2846.
6. Crystal C. Douglas et al. (2007) Ability of the Harris Benedict formula to predict energy requirements differs with weight history and ethnicity. Nutr Res. 2007 Apr; 27(4): 194—199.
7. Thomas A Wadden et al. (2012) Lifestyle Modification for Obesity: New Developments in Diet, Physical Activity, and Behavior Therapy. Circulation 2012 Mar 6; 157-70.
8. Fields H, et al. (2016). Are low-carbohydrate diets safe and effective? Journal of the American Osteopathic Association. 11878B.
9. Krebs NF, et al. (2010). Efficacy and safety of a high protein, low carbohydrate diet for weight loss in severely obese adolescents. The Journal of Pediatrics, 157(2), 252—258.
10. McClernon FJ, et al. (2012). The effects of a low-carbohydrate ketogenic diet and a low-fat diet on mood, hunger, and other self-reported symptoms. Obesity, 15(1), 182
11. 2015-2020 Dietary Guidelines for Americans. U.S. Department of Health and Human Services and U.S. Department of Agriculture.
12. Lichtenstein AH; Van Horn L (1998). Very low fat diets. Circulation. 98(9):935—939.
13. Sacks FM, et al. (2017). Dietary fats and cardiovascular disease: A presidential advisory from the American Heart Association. Circulation. 136:e1.
14. U.S. Department of Agriculture, Agricultural Research Service. FoodData Central, 2019.

# Example of Reporting Results

## Premium Health Risk





























Premium

**PEWMUM HEALTH RISK**

Find out more about how genetics can influence the developing of certain health condition in the future.

[View Report](#)

 <p>NORMAL RISK &gt;</p> <p>Osteoarthritis</p> 	 <p>HIGHLY INCREASED RISK &gt;</p> <p>Osteoporosis</p> 	<p>NEW</p>  <p>NORMAL RISK &gt;</p> <p>Gallstones</p> 	<p>NEW</p>  <p>SLIGHTLY INCREASED RISK &gt;</p> <p>Varicoseveins</p> 	<p>NEW</p>  <p>NORMAL RISK &gt;</p> <p>Hyperuricemia</p> 
 <p>SLIGHTLY INCREASED RISK &gt;</p> <p>periodontitis</p> 	 <p>LIKELY LONGER &gt;</p> <p>Telomere length</p> 	<p>NEW</p>  <p>SLIGHTLY INCREASED RISK &gt;</p> <p>Migraine</p> 	<p>NEW</p>  <p>NORMAL RISK &gt;</p> <p>System Lupus Erythematosus (SLE)</p> 	
 <p>LOWER RISK &gt;</p> <p>Lipoprotien(a)</p> 	<p>NEW</p>  <p>NORMAL RISK &gt;</p> <p>Glaucoma</p> 	<p>NEW</p>  <p>NORMAL RISK &gt;</p> <p>Anxiety</p> 	<p>NEW</p>  <p>NORMAL RISK &gt;</p> <p>Asthma</p> 	

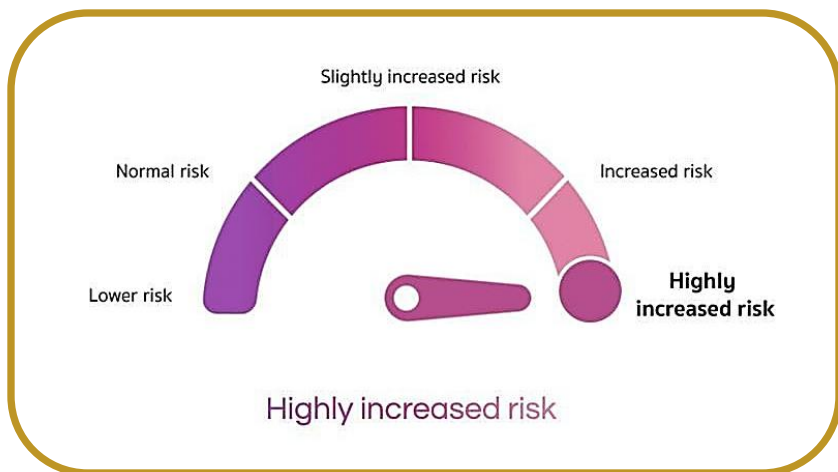


# Example of Reporting Results

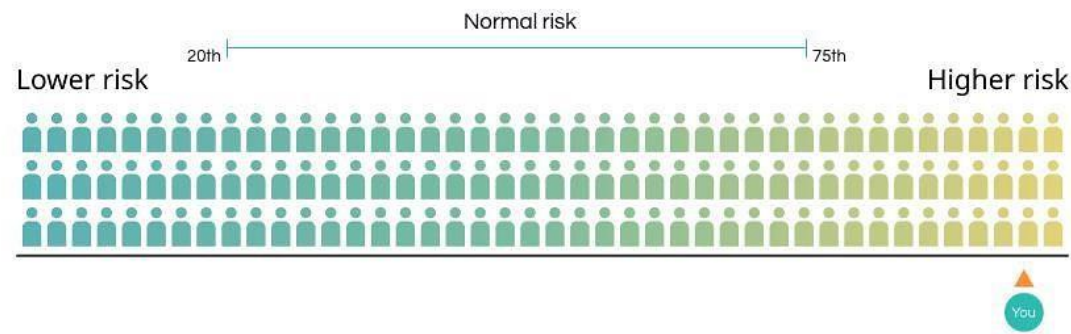
## Premium Health Risk

### Osteoporosis

Osteoporosis is a common disease with a strong genetic component characterized by decreased bone mass, deterioration of bone tissue and an increased risk of fracture. Many people have no idea that they have osteoporosis until they fracture a bone.



"Based on your genetic profile, you have a highly increased likelihood of developing osteoporosis."



Based on the 100% of population, your polygenic Risk Score is in the 97th percentile. This means that your genetic risk of developing Osteoporosis is "Highly increased risk" than overall population.

# Example of Reporting Results

## Premium Health Risk

"Besides genetics, lifestyle and other factors can also influence a person's likelihood of developing osteoporosis."



### Age

The older you get, the greater your risk of osteoporosis. Bone density starts to weaken at around 35 years of age. As a person grows older, bone breaks down faster than it rebuilds.



### Gender

Women are much more likely to develop osteoporosis than are men. The reduction of estrogen levels in women at menopause is one of the strongest risk factors for developing osteoporosis.



### Certain diseases

Some medical conditions, such as rheumatoid arthritis and thyroid problems, put you at greater risk for osteoporosis.



### Certain medications

Certain prescription medications, for example, long-term use of corticosteroid medications, such as prednisone, can also boost the risk of getting osteoporosis.



### Sedentary lifestyle

People who spend a lot of time sitting have a higher risk of osteoporosis than do those who are more active. Weight-bearing exercises, such as walking, jogging, dancing, stair climbing and weightlifting keep bones strong and healthy by working the muscles and bones against gravity.



### Dietary factors

A lifelong lack of calcium plays a role in the development of osteoporosis. Low calcium intake contributes to diminished bone density, early bone loss and an increased risk of fractures.



### Being small-framed

Thin people and those with small frames are more likely to develop osteoporosis. One reason is that they have less bone to lose than people with more body weight and larger frames.

# Example of Reporting Results

## Premium Health Risk

How can we reduce the risk?

### Calcium and vitamin D intake



Calcium is essential for bones. Adults aged 19 years and above should consume 1,000 milligrams of calcium a day. Women who are over 51 years of age and all adults from 71 years onward should have a daily intake of 1,200 mg.

Good sources of calcium include:

- Dairy products, such as milk, cheese and yogurt
- Green leafy vegetables, such as kale and broccoli
- Soy products, such as tofu
- Fish with soft bones, such as canned sardines or salmon
- Calcium-fortified breakfast cereals

Vitamin D also plays a key role in preventing osteoporosis as it improves your body's ability to absorb calcium. People can get some of their vitamin D from moderate, regular exposure to sunlight. Dietary sources include saltwater fish, liver, and fortified foods.

### Perform weight-bearing exercise regularly



Exercise can help you build strong bones and slow bone loss. Combine strength training exercises with weight-bearing and balance exercises. Strength training helps strengthen muscles and bones in your arms and upper spine. Weight-bearing exercises — such as walking, jogging, stair climbing, skipping rope and skiing — affect mainly the bones in your legs, hips and lower spine. Balance exercises such as tai chi and yoga can reduce your risk of falling especially as you get older.

### Avoid smoking and limit alcohol intake



People who smoke lose bone density faster than nonsmokers. It has been shown that tobacco use contributes to weak bones. Excessive alcohol consumption can lead to thinning of the bones and also increase your risk of osteoporosis.

# Example of Reporting Results

## Premium Health Risk

### About Osteoporosis



#### When it develops

Osteoporosis usually does not have a noticeable effect on people until they are 60 or older.



#### Treatment

Treatment aims to:

Slow or prevent the development of osteoporosis

- Maintain healthy bone mineral density and bone mass
- Prevent fractures
- Reduce pain
- Maximize the person's ability to continue with their daily life



#### Typical signs and symptoms

There typically are no symptoms in the early stages of bone loss. But once your bones have been weakened by osteoporosis, you might have signs and symptoms that include:

- Back pain, caused by a fractured or collapsed vertebra
- Loss of height overtime
- A stooped posture
- A bone that breaks much more easily than expected



#### Complications

Bone fractures, particularly in the spine or hip, are the most serious complications of osteoporosis.

# Example of Reporting Results

## Drug Response



### DRUG RESPONSE

LEARN WHETHER YOU HAVE SPECIFIC GENTIC VARIANTS THAT MAY AFFECT HOW YOUR BODY PROCESSES CERTAIN MEDICATIONS.

[View Report](#)

Antiviral drugs >	<p>DECREASE DOSE 1 Drug(s)</p> <p>NORMAL RISK 2 Drug(s)</p> <p>NORMAL USE 1 Drug(s)</p>	Antiemetics drugs >	<p>NORMAL USE 2 Drug(s)</p>
Cardiovascular drugs >	<p>INTERMEDIATE MYOPATHY RISK 2 Drug(s)</p> <p>DECREASE DOSE 3 Drug(s)</p> <p>NORMAL USE 1 Drug(s)</p>	Antifungal drugs >	<p>NORMAL USE 2 Drug(s)</p>
Anti-inflammatory drugs >	<p>NORMAL USE 7 Drug(s)</p>	Antigout drugs >	<p>NORMAL RISK 1 Drug(s)</p>
Antibacterial drugs >	<p>NORMAL RISK 1 Drug(s)</p> <p>NORMAL USE 7 Drug(s)</p>	Antineoplastic drugs >	<p>NORMAL USE 7 Drug(s)</p>
Anticonvulsant drugs >	<p>NORMAL RISK 4 Drug(s)</p> <p>NORMAL USE 2 Drug(s)</p>	Antipsychotic drugs >	<p>NORMAL USE 2 Drug(s)</p>
Antidepressant drugs >	<p>NORMAL USE 8 Drug(s)</p>	Gastrointestinal drugs >	<p>NORMAL USE 4 Drug(s)</p>
		Immunological drugs >	<p>NORMAL USE 3 Drug(s)</p>
		Sedative drugs >	<p>NORMAL USE 6 Drug(s)</p>
		Skeletal Muscle Relaxants >	<p>NORMAL USE 1 Drug(s)</p>



# Example of Reporting Results

## Drug Response

Antiviral drugs	DECREASE DOSE 1 Drug(s)	NORMAL RISK 2 Drug(s)	NORMAL USE 1 Drug(s)	>
Cardiovascular drugs	INTERMEDIATE MYOPATHY RISK 2 Drug(s)	DECREASE DOSE 3 Drug(s)	NORMAL USE 1 Drug(s)	>
Anti-inflammatory drugs			NORMAL USE 7 Drug(s)	>
Antibacterial drugs		NORMAL RISK 1 Drug(s)	NORMAL USE 7 Drug(s)	>
Anticonvulsant drugs		NORMAL RISK 4 Drug(s)	NORMAL USE 2 Drug(s)	>
Antidepressant drugs			NORMAL USE 8 Drug(s)	>

## Antiviral Drugs

Your DNA says

### Decrease Dose

#### Efavirenz

Efavirenz is an antiviral medicine that prevents human immunodeficiency virus (HIV) from multiplying in your body.  
Tested Gene: CYP2B6

### Normal Risk

#### Abacavir

Abacavir is an antiviral medicine that prevents human immunodeficiency virus (HIV) from multiplying in your body.  
Tested Gene: HLA-B

#### Nevirapine

Nevirapine is an antiviral medicine that prevents human immunodeficiency virus (HIV) from multiplying in your body.  
Tested Gene: HLA-B

### Normal Use

#### Atazanavir

Atazanavir is an antiviral medicine that prevents human immunodeficiency virus (HIV) from multiplying in your body.  
Tested Gene: UGT 1A1

# Example of Reporting Results

## Drug Response

### Drug Response report

Your results provide information about how your genes influence your Body's ability to process certain medications. We recommend that you share these results with a healthcare professional if you are interested in learning more about how genetic variants may impact processing of some medications, or if you have concerns about your results.

Keep in mind that these reports do not include all possible genetic variants that could affect how your body responds to medications, including genetic variants found in other genes that are not included in this test. In addition, non-genetic factors such as age, weight, health conditions, and drug-drug interactions can also influence how medications are processed.

[Drug Response tutorial](#)

[Summary for your doctor >](#)

Drug Response

Summary Phenotype

Gene	Genotype	Result
CACNA1S	No variants detected	Normal risk
CYP1A1	*13	Normal metabolizer
CYP1A2	CYP1A2*1F	Normal metabolizer
CYP2B6	*9/*9	Poor metabolizer
CYP2C19	No variants detected	Normal metabolizer
CYP2C9	No variants detected	Normal metabolizer
CYP3A5	*3/*3	Poor metabolizer (CYP3A5 non-expresser)
DPYD	No variants detected	Normal metabolizer
HLA-B	No variants detected	Normal
MT-RNR1	No variants detected	Normal risk
NUDT15	No variants detected	Normal metabolizer
RYR1	No variants detected	Normal risk
SLCO1B1	c.521T>C	Intermediate function
TPMT	No variants detected	Normal metabolizer
UGT1A1	No variants detected	Extensive metabolizer
VKORC1	variant/variant	VKORC1-1639 AA

(ยาต้านไวรัส)    DECREASE DOSE (1 Drug(s))    NORMAL RISK (2 Drug(s))    NORMAL USE (1 Drug(s))

# Example of Reporting Results

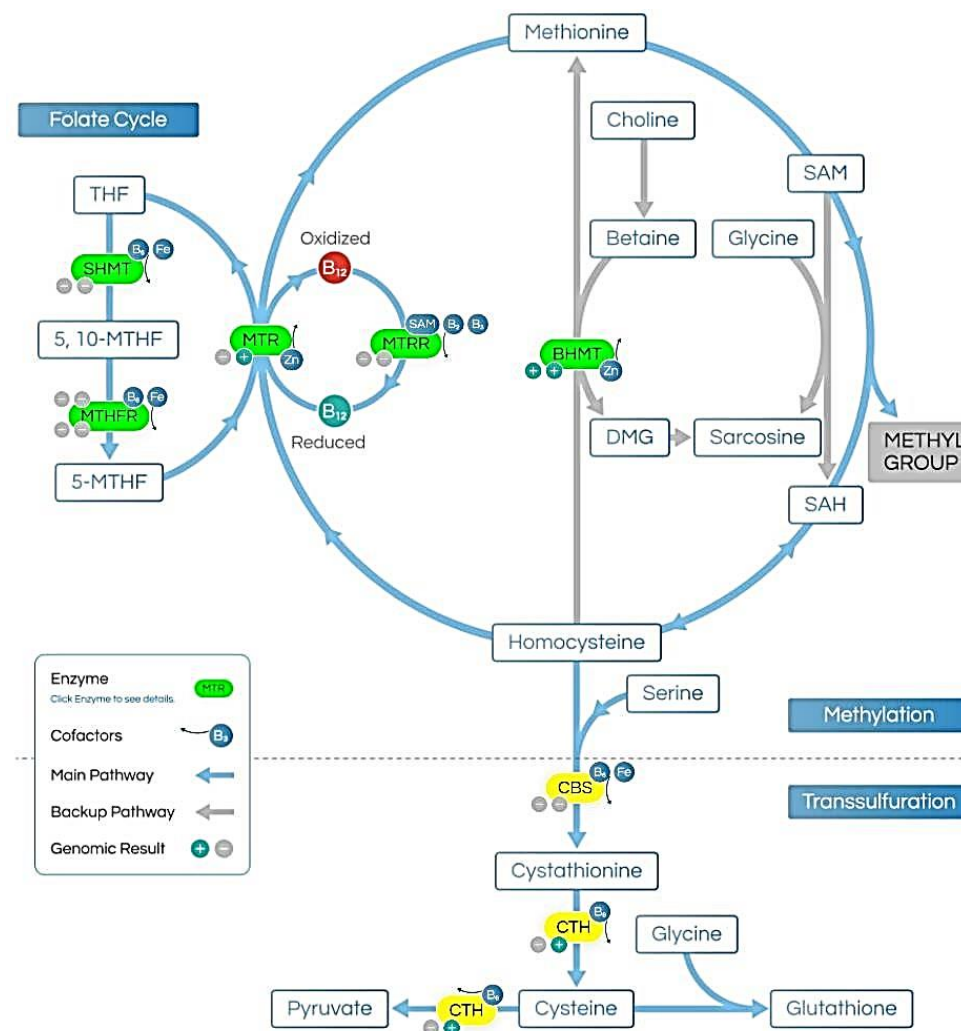
## Methylation



### METHYLATION

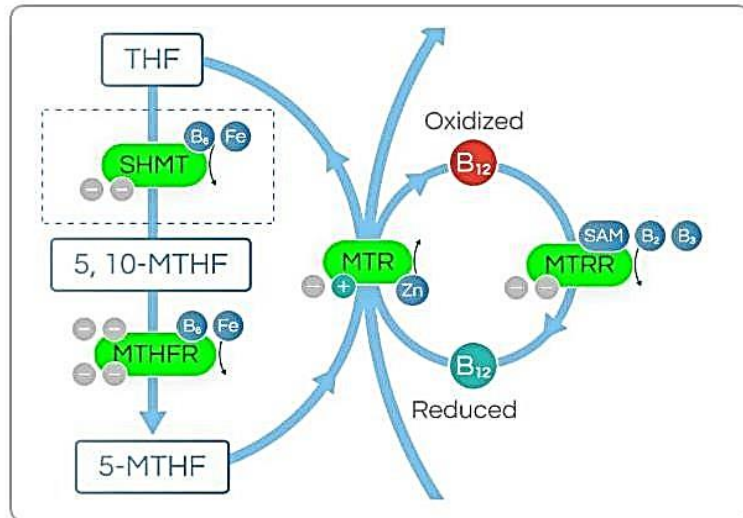
Understand how genes play a role in Methylation which is crucial in a number of processes in the body.

[View Report](#)



# Example of Reporting Results

## Methylation



Serine hydroxymethyltransferase (SHMT) C1420T, rs1979277

Gene	SNP	Genotype	What it means
SHMT1	rs1979277 C1420T	-/-	Normal enzyme function

### Effect of the SNP

MTHFR polymorphisms result in reduced enzyme activity, thus a decreased ability to remethylate homocysteine back to methionine. Two common genetic variations that can occur on MTHFR gene are C677T and A1298C.

The C677T polymorphism downregulates enzymatic activity, resulting in a predisposition to lower serum folate (5-MTHF), higher homocysteine and a decrease in DNA methylation.

Gene Polymorphic Variation	MTHFR C677T -/-	MTHFR C677T +/-	MTHFR C677T +/+
Polymorphic Action	Baseline "normal" MTHFR activity	Moderately decreased MTHFR activity (30-40%)	Substantially decreased MTHFR activity (60-70%)

### Recommendations

Consider supplementation with:



Vitamins B6

100 mg/day



SAMe

200-800 mg/day

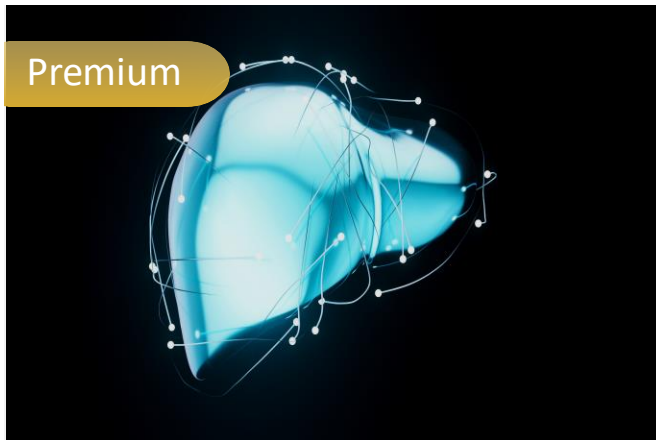


L-Serine

2 g

# Example of Reporting Results

## Detoxification

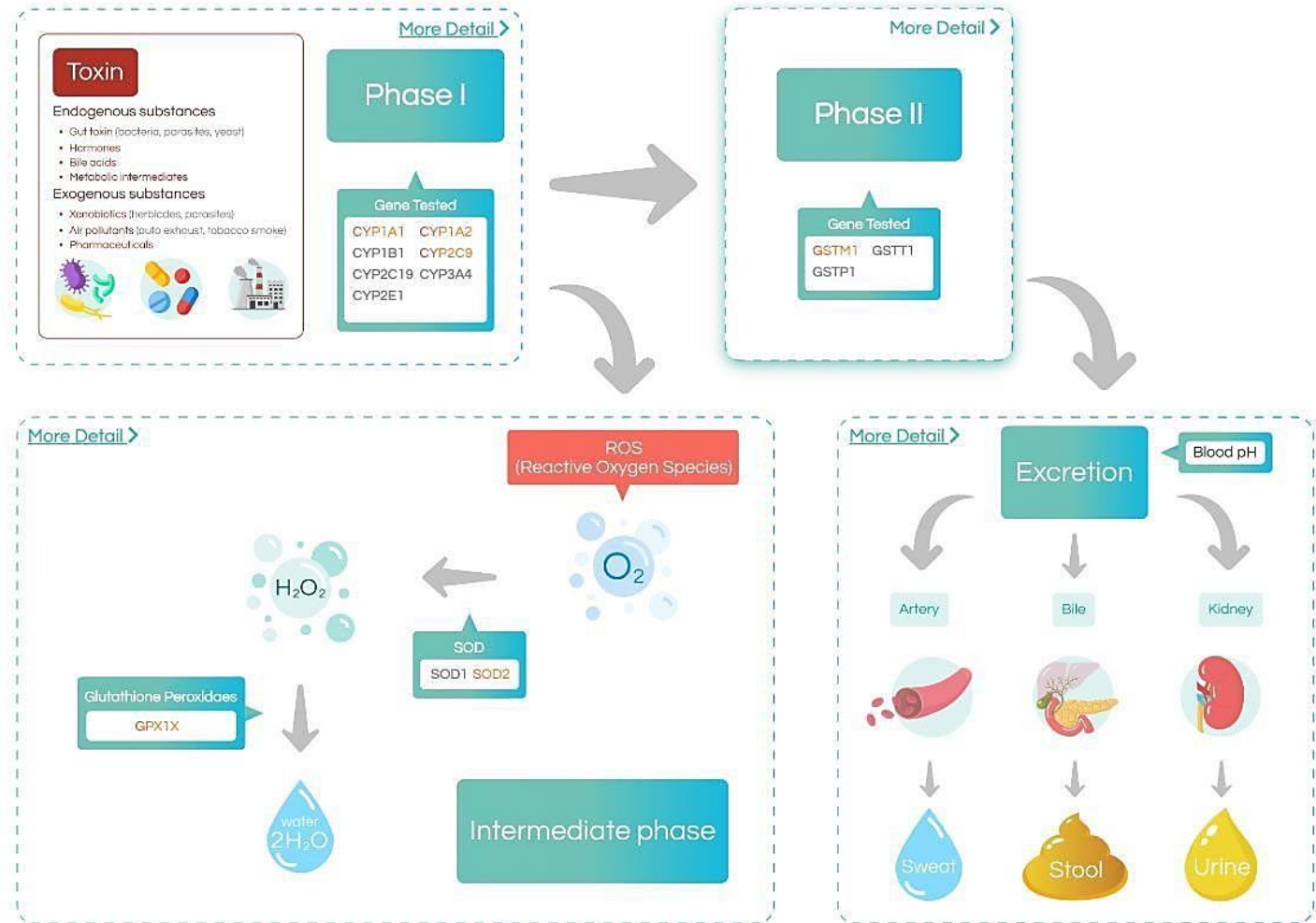


Premium

### DETOXIFICATION

Understand how genes play a role in body processes and remove toxins.

[View Report](#)





# Example of Reporting Results

## Detoxification

### Genes in Phase I Detoxification

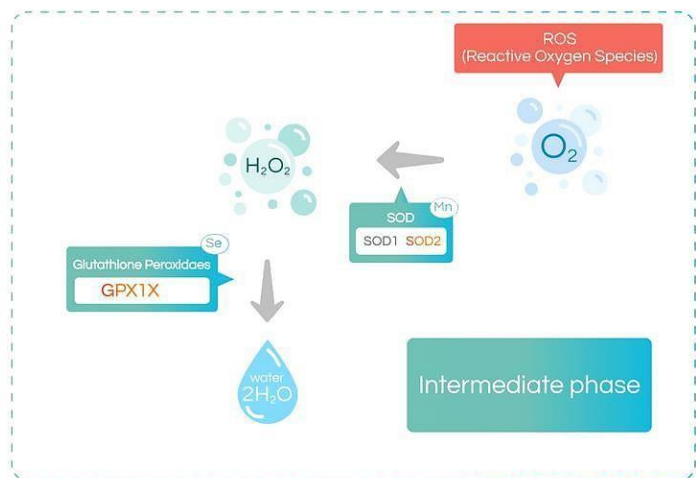
Gene	Crucial toxin substance	Enzyme activity
CYP1A1	Benzo(a)pyrene and related polycyclic aromatic hydrocarbons (PBCs and PAHs)	Rapid metabolizer
CYP1A2	Caffeine, estrogen, procarcinogens, aflatoxin B, aromatic/heterocyclic amines	Fast metabolizer
CYP1B1	Estrogen, benzo(a)pyrene, 3-methylcholanthrene, dimethylbenz(a)anthracene, arylamines	Normal metabolizer
CYP2C9	Linoleic acid, vernolic acid (leukotoxin), coronaric acid (isoleukotoxin), prescription medications	Intermediate metabolizer
CYP2C19	Arachidonic acid, linoleic acid, vernolic acid (leukotoxin), coronaric acid (isoleukotoxin), prescription medications	Normal metabolizer
CYP3A4	Estrogen, steroid hormones, caffeine, prescription medications	Normal metabolizer
CYP2E1	Acetyl hydrazine, paracetamol, ethanol	Normal metabolizer

### Nutrients that help balance Phase I Detoxification

Gene	+ Natural Substances that Increased CYP Activity	- Natural Substances that Decreased CYP Activity
CYP1A1	<ul style="list-style-type: none"> <li>Indole-3-carbinol, found in cruciferous vegetables</li> <li>Andrographolide</li> <li>Astaxanthin</li> </ul>	<ul style="list-style-type: none"> <li>Berries and Resveratrol and resveratrol-containing foods</li> <li>Green and black tea extract</li> <li>Sulforaphane found in broccoli</li> <li>St. John's Wort</li> <li>Lycopene</li> <li>Naringenin</li> <li>Galangin</li> <li>Fish oil and garlic oil</li> </ul>
CYP1A2	<ul style="list-style-type: none"> <li>Caffeine</li> <li>Sulforaphane</li> <li>Green tea</li> <li>Indole-3-carbinol</li> <li>Cruciferous vegetables</li> </ul>	<ul style="list-style-type: none"> <li>Echinacea-</li> <li>St. John's wort</li> <li>EGCG from Green tea</li> </ul>




# Example of Reporting Results

## Detoxification



Genes in intermediate phase

Gene	Enzyme activity
SOD1	Normal function
SOD2	Mild decreased function
GPX1X	Mild increased function

Gene	Nutrients that help enhance enzyme activity
SOD1	Copper, Zinc 
SOD2	Manganese, Zinc, Vitamin C, Vitamin E 
GPX1X	Selenium 

# Example of Reporting Results

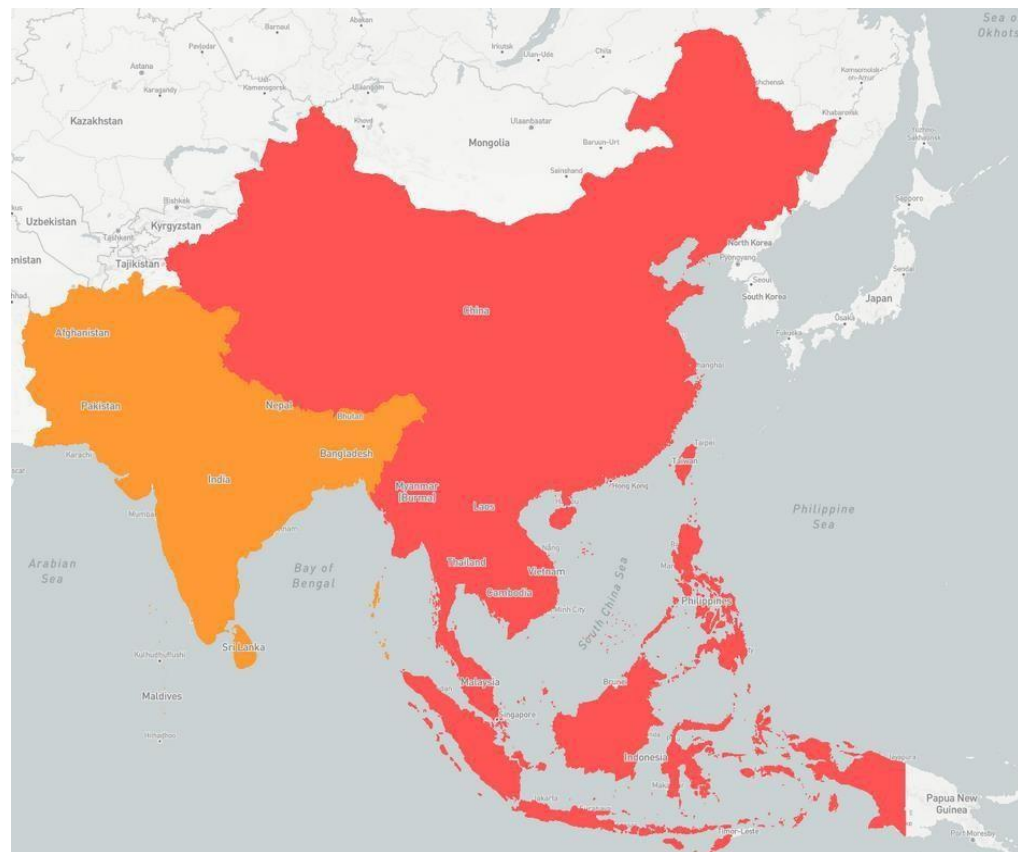
## Ancestry



### ANCESTRY

Explore where we have found the evidence of your Ancestry around the world.

[View Report](#)




Summary	
Population	Percent
• East Asian	98.88% ^
<ul style="list-style-type: none"> <li>• Southeast Asian &amp; Chinese</li> </ul>	
<ul style="list-style-type: none"> <li>• Southeast Asian &amp; Dai People</li> </ul>	
<ul style="list-style-type: none"> <li>Thai</li> <li>Filipino</li> <li>Indonesian</li> <li>Vietnamese</li> <li>Cambodian</li> <li>Myanmar</li> <li>Laos</li> <li>Malaysia</li> </ul>	
• Chinese	14.91%
<ul style="list-style-type: none"> <li>Southern Han Chinese</li> <li>Han Chinese in Beijing</li> </ul>	
• Broadly East Asian	
• Japanese & Korean	
• Japanese & Korean	
• Central & South Asian	1.12% v

# Example of Reporting Results

## Haplogroup

Premium



New

**HAPLOGROUP**  
Let's trace back to your ancestral haplogroup and its origin from your Mitochondrial DNA and Y-chromosome.

View Report

## Haplogroup

This report analyzes your 'Haplogroups' genetic ancestral groupings within a population that inherit similar patterns of DNA. These patterns, passed down from our ancestors, can be traced through two types of DNA: mitochondrial DNA (mtDNA) for maternal lines and the Y chromosome for paternal lines. Knowing your haplogroups places you in the human family tree, connecting you to the ancient origins of your ancestry.




Paternal Haplogroups




Maternal Haplogroups



# Example of Reporting Results

## Haplogroup



Haplogroup	O1b1a1a	Time of origin	48,000-34,000 years ago
Other name	O-M95	Place of origin	China

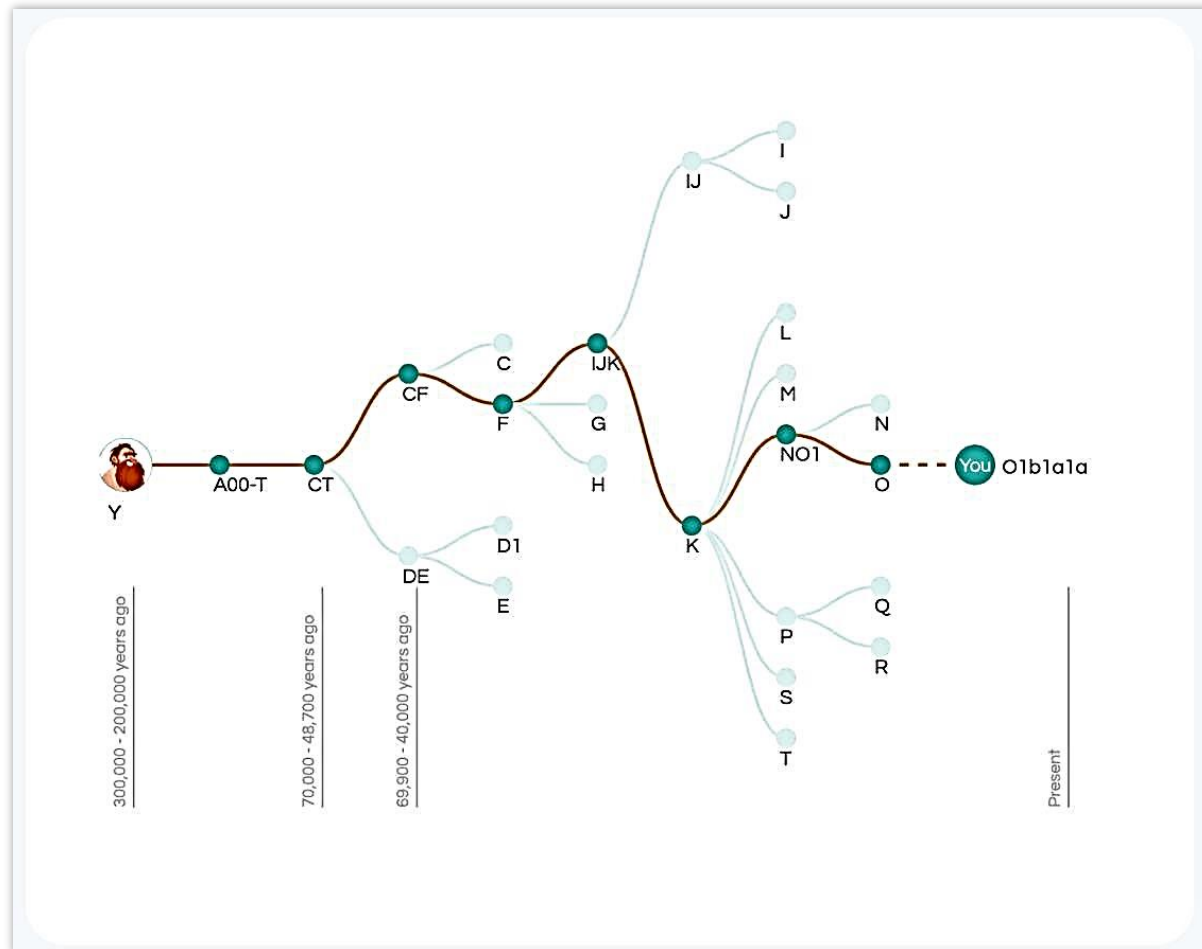
Your paternal haplogroup, which can be traced back to haplogroup O-M95, likely originated in Southern China around 34,000-48,000 years ago. It then expanded southward to Southeast Asia, specifically from Taiwan through the Philippines, but this expansion recently occurred (< 20,000 years ago). This haplogroup is most prevalent in the regions such as southern China, Laos, Vietnam, Thailand, Borneo, Java, the Malayan Peninsula, Sumatra, and the Philippines. In Thailand, it can be found in various regions, including Northern Thailand (e.g. Mon, Karen, HtinPray, Khmu, Blang, Paluang, Lawa, Lisu, Lahu, Khuen, Lue, Khonmueang, Shan, and Phuan), Northeastern Thailand (e.g. Mon, Khmer, Nyakur, Suay, Laolsan, Phutai, Sao, Bru, Kaluang, Nyaw, and Blacktai), Central Thailand (e.g. Mon and Tai-Kadai), Western Thailand (e.g. Mon and Tai-Kadai), and Southern Thailand (e.g. Tai-Kadai population).

Based on our database from Geneus DNA, your haplogroup O1b1a1a shares common ancestor with 3,440 people.



# Example of Reporting Results

## Haplogroup



This famous person shares  
common ancestor with you!



Cao Cao

50,000-20,000 years ago

Come discover who else, come back  
tomorrow!

Find Us

## Contact Us:



### Our Phone

+852 8191 3055



### Our Website

[www.Rebirthglobe.com](http://www.Rebirthglobe.com)



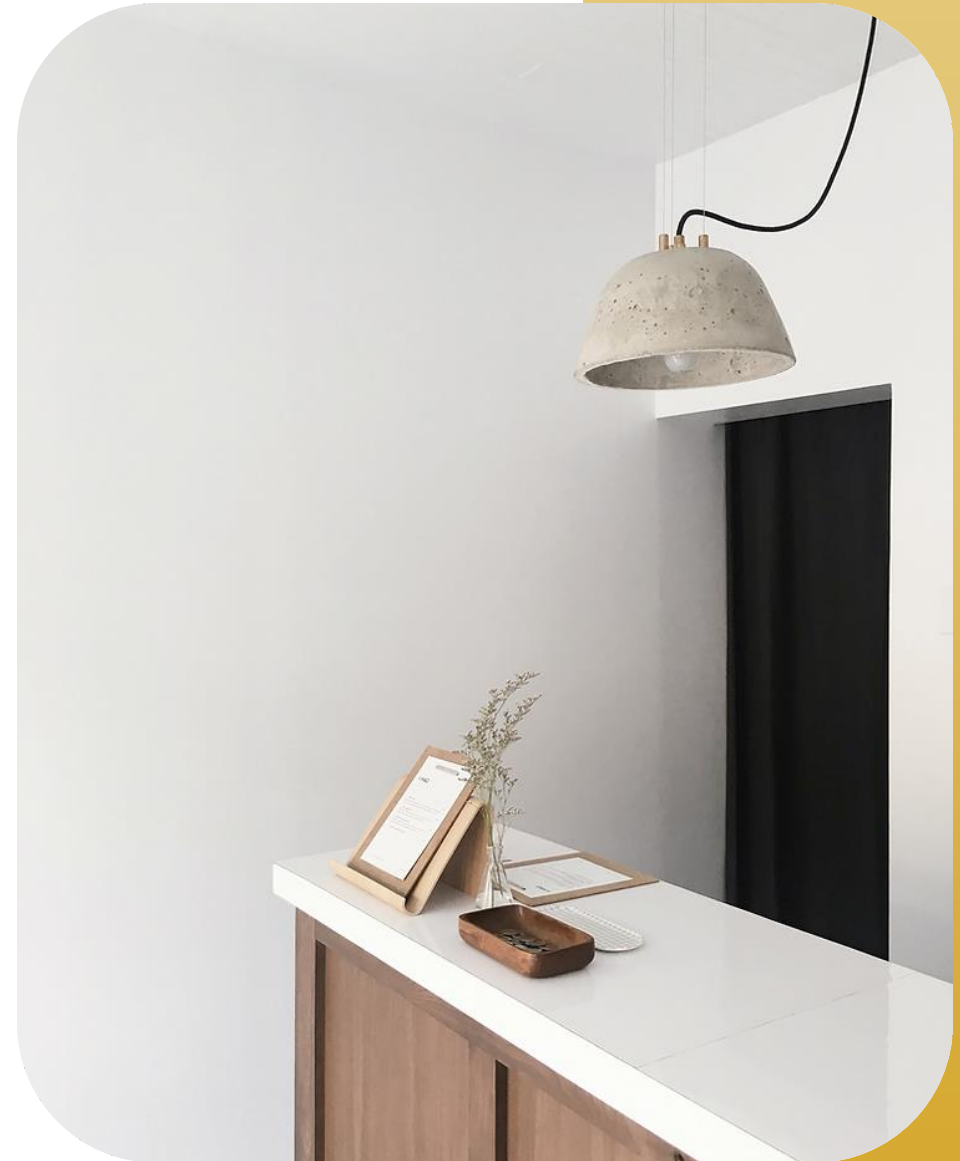
### Our Email

[Info@svnetworx.com](mailto:Info@svnetworx.com)



### Our Address

Rebirth Clinics By Svenson Network  
Holdings Level 20, One IFC, 1 Harbour  
View St. Central, Hong Kong





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THANK YOU