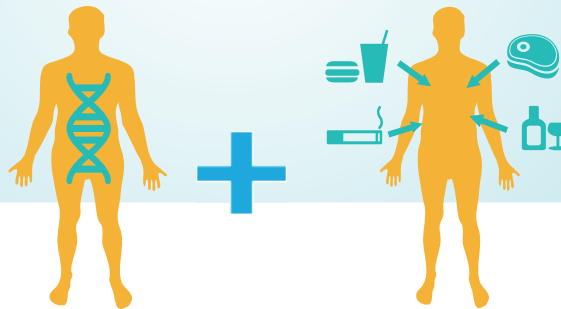




## SNP Array

### Tests for 17 Cancer Risks & 14 Chronic Disease Risks

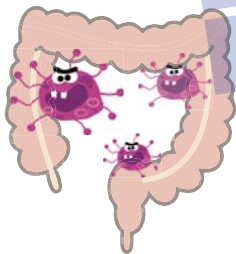
Comprehensive Evaluation for Genetic and Environmental Factors Affecting your Health



Personal genetic profile

Environment

### Colon cancer after being a vegetarian for 30 years?!



Mr. Wang, Hsiao-Ming Wang's (23 years old) father, passed away last year due to colon cancer at the age of 60. Mr. Wang has been a vegetarian for 30 years. He couldn't imagine why would he have colon cancer, especially when he had a regular lifestyle! The doctor told Hsiao-Ming Wang that in addition to **environmental factors**, **genetic factors** also play important roles in carcinogenesis. After utilizing the genetic array test, Hsiao-Ming Wang discovered that he had the same risk factors for colon cancer as Mr. Wang.

Hsiao-Ming Wang was very grateful for the genetic array test because "I could know my likelihood of developing the disease (so called **morbidity risk**) through **genetic array test** when I am still young. **I have the opportunity to modify my lifestyle to reduce morbidity risks.** I can easily assume what kind of disease I am prone to and have plenty of time to prepare myself." he said.

#### 17 cancer types' risk assessment

- Brain tumor
- Nasopharyngeal cancer
- Lung cancer
- Hodgkin's lymphoma
- Esophageal cancer
- Gastric cancer
- Hepatocellular carcinoma
- Pancreatic cancer
- Colon cancer
- Leukemia
- Bladder cancer
- Basal cell carcinoma
- Prostate cancer (M)
- Testicular cancer (M)
- Breast cancer (F)
- Endometrial cancer (F)
- Ovarian cancer (F)

#### Recommended For:

People 40+ years old, especially those with a family history of cancer

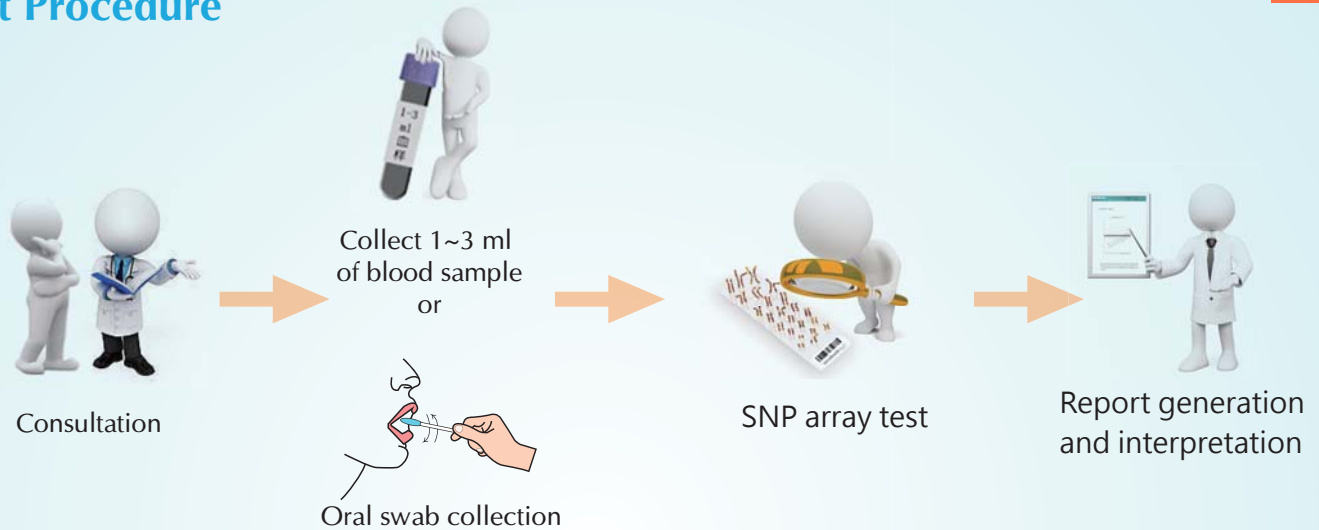
#### 14 common chronic diseases risk assessment

- Myocardial infarction
- Coronary artery disease
- Ischemic stroke
- Intracranial aneurysm
- Type II diabetes
- Hypertension
- Dyslipidemia
- Age-related macular degeneration
- Parkinson's disease
- Obesity
- Lupus erythematosus
- Nephrolithiasis
- Keloid
- Polycystic ovarian syndrome (F)

#### Recommended For:

People 30+ years old, especially those with abnormal eating habits or lifestyles

## Test Procedure



## How does Phalanx Biotech Group's SNP array test predict cancer and chronic disease risks?

There is over 99.5% similarity in terms of DNA sequence for all humans. The 0.5% differences mostly results from Single Nucleotide Polymorphisms (SNPs). Domestic and international clinical studies have proven that SNPs are closely related to modern chronic diseases (e.g. cancer, diabetes, hypertension, hyperlipidemia, Alzheimer's disease or osteoporosis) and immune system regulation-related diseases (e.g. lupus erythematosus). The concept of "preventive medicine" is to use genetic tests to analyze SNP profiles relating to certain genes in order to understand potential morbidity risks of congenital physical conditions.

Phalanx Biotech Group's SNP array deploys numerous disease-related SNP probes on a microarray slide using patented technology to allow for an all-in-one test of risks for 17 common cancer types and 14 chronic diseases.



## Environmental pathogenic factors



High mortality and morbidity rates make cancer one of the top feared diseases worldwide. However, there are still many carcinogenic factors around us that we don't avoid, such as smoking. Other carcinogenic factors surrounding us daily include betel nut, moldy grains, radiation, hepatitis B or C viruses, etc...; therefore, steps need to be taken to avoid these surrounding factors.

By using a questionnaire to evaluate your environmental factors, this test could provide an objective and comprehensive morbidity report integrating environmental factors and the individual's SNP profiles.