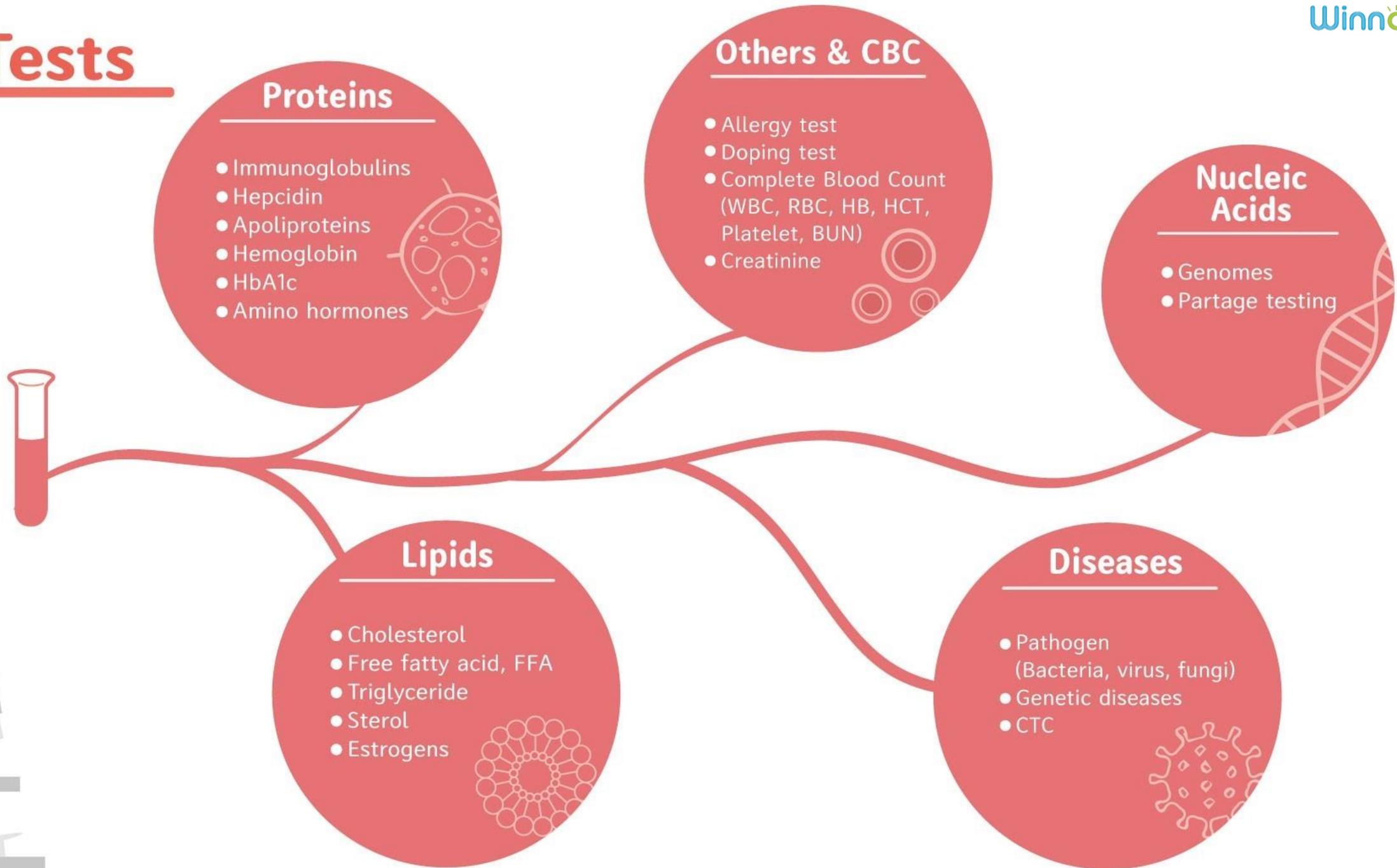


WinnöZ

Innovation for your well-being

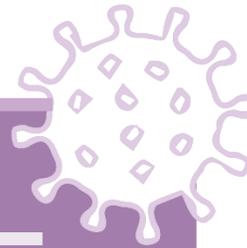
Lab Tests



Strips Packages



Infectious



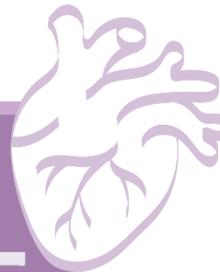
Flu A/B
Dengue
COVID-19
Malaria

Metabolic



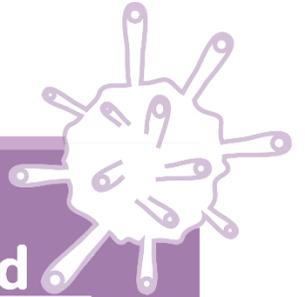
TC
TG
Glucose

Heart Diseases



CRP
Cardiac troponin I (cTnl)
CK-MB

Sexual Transmitted



HIV
HPV
Syphilis

<input type="checkbox"/>	_____
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<input checked="" type="checkbox"/>	_____
<input checked="" type="checkbox"/>	_____

On-site & Rapid Blood Testing Strips Packages with Haiim

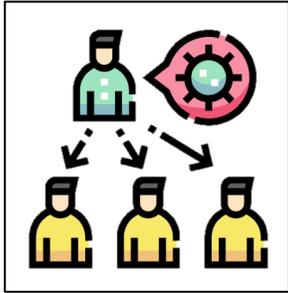
A complete package for blood collection and serological test.

- * No laboratory equipment needed.
- * Operable with minimal training.
- * On-site, same-day results.

**A Complete Package
The Haiim + Rapid Test Kit Bundle**



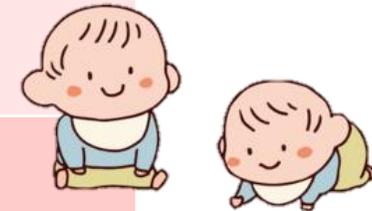
Infectious Package



Infectious

An infection is the invasion of an organism's body tissues by disease-causing agents, their multiplication, and the reaction of host tissues to the infectious agents and the toxins they produce.

Item	Symptoms	High-risk groups
COVID-19	Fever, cough, muscle pain, nausea, vomiting	<ul style="list-style-type: none"> Elderly Heart disease patients Diabetes and other chronic diseases patients
Malaria	Chills, fever, sweating, body aches	<ul style="list-style-type: none"> Infant pregnant woman AIDS patients 
Dengue	Fever, severe headache, muscle and joint pain	<ul style="list-style-type: none"> Elderly Patients with chronic diseases
Flu A/B	Cough, muscle pain, headache, sore throat, fever, diarrhea	<ul style="list-style-type: none"> Elderly Infant Patients with chronic diseases



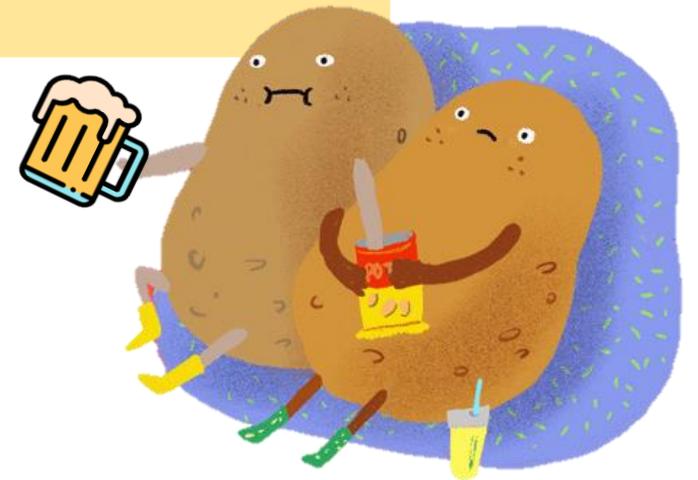
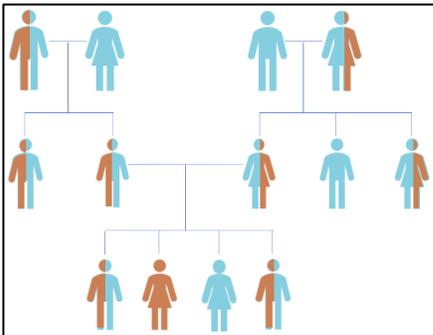
Metabolic Package



Metabolic

The three main purposes of metabolism are: the conversion of food to energy to run cellular processes; the conversion of food/fuel to building blocks for proteins, lipids, nucleic acids, and some carbohydrates; and the elimination of metabolic wastes.

Item	Suitable For Monitoring	High-risk groups
Total Cholesterol (TC)	Excessive intake of calories, excessive drinking, low-fiber, high-sugar, high-fat diet, or lack of exercise, excessive stress	<ul style="list-style-type: none"> • Bad living habit • Family history of metabolic disease
Triglyceride(TG)		
Glucose		



Heart Diseases Package



Heart diseases

The term "heart disease" is often used interchangeably with the term "cardiovascular disease." Cardiovascular disease generally refers to conditions that involve narrowed or blocked blood vessels that can lead to a heart attack, chest pain (angina) or stroke

Item	Suitable For Monitoring	High-risk groups
Heart diseases (Myocardial infarction, etc.)	Elderly, lack of exercise, smoking, diabetes	<ul style="list-style-type: none"> • Obesity people • Addicted smokers • High-pressure, overwork workers • Family history of Cardiovascular disease



Sexual Transmitted Package

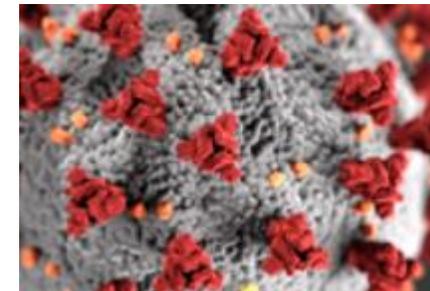


Sexual Transmitted

Also referred to as sexually transmitted diseases (STDs), are infections that are commonly spread by sexual activity also can be transmitted to an infant before or during childbirth, which may result in poor outcomes for the infant. Some STIs can cause infertility.

Item	High-risk groups
HIV	<ul style="list-style-type: none"> • Unsafe sex
Syphilis	<ul style="list-style-type: none"> • Shared needles
HPV (Human Papillomavirus)	<ul style="list-style-type: none"> • Frequent sex • Complex sexual objects • Long-term use of birth control pills • Smoking addiction

Unsafe sex



Reference

COVID-19

<https://www.bowtie.com.hk/blog/zh/%E6%96%B0%E5%86%A0%E8%82%BA%E7%82%8E-%E5%82%B3%E6%9F%93-%E5%82%B3%E6%92%AD%E9%80%94%E5%BE%91/>

Malaria

<https://www.who.int/zh/news-room/fact-sheets/detail/malaria>

Flu A/B

<https://www.chp.gov.hk/tc/healthtopics/content/24/29.html>

http://www.chinaivdc.cn/cnic/lgwd/ptlg/201912/t20191225_209363.htm

Metabolic

<http://wlshosp.org.tw/%E8%A1%9B%E6%95%99%E5%9C%92%E5%9C%B0/%E5%BF%83%E8%87%9F%E8%A1%80%E7%AE%A1%E5%85%A7%E7%A7%91/%E5%BF%83%E8%A1%80%E7%AE%A1%E7%96%BE%E7%97%85%E7%9A%84%E9%AB%98%E9%A2%A8%E9%9A%AA%E7%BE%A4/>

Cardiovascular

<http://www.tsoc.org.tw/upload/journal/2/20180930/02-%E9%86%AB%E5%AD%B8%E6%95%99%E8%82%B2-1-15.pdf>

Sexual Transmitted

https://www.pediatr.org.tw/people/edu_info.asp?id=6

<https://www.fs.vghks.gov.tw/Download.ashx?u=LzAwMS9WZ2hrc1VwbG9hZUZpbGVzLzM1NC9ja2ZpbGUvOTcxOTYwNWMtNGUwZS00YTJILWFjOTctZWUyM2RjMTYwODdjLnBkZg%3D%3D&n=5Lq66aGe5Lmz56qB55eF5q%2BS55u46Zec55a%2B55eFLnBkZg%3D%3D>

<https://www.cdc.gov.tw/Category/Page/pzPKSi2S4zCt94DDnwqVNg>

COVID-19 rapid screening (serological test)



COVID-19

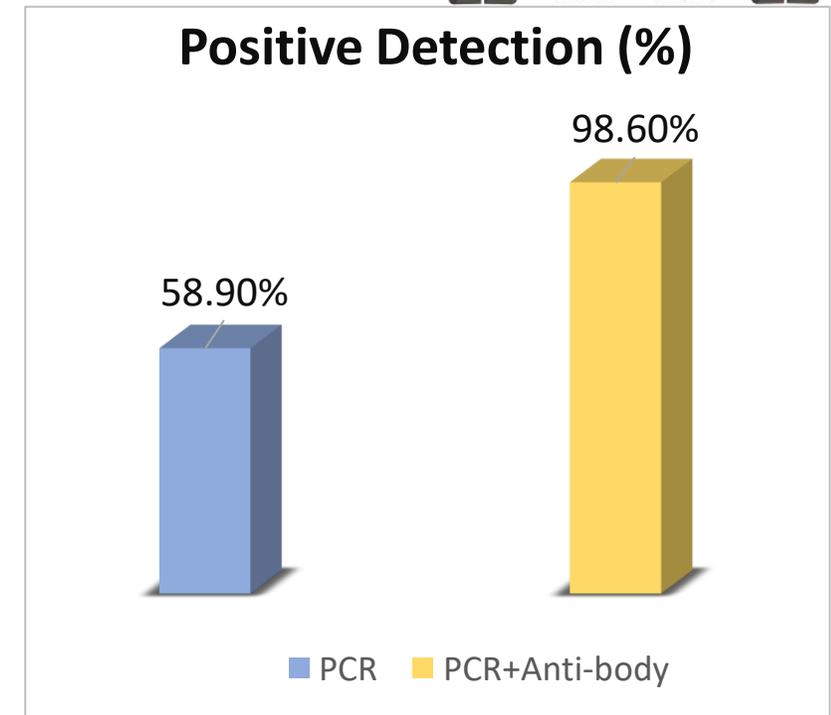
COVID-19 is now characterized as a pandemic by WHO. The COVID-19 virus is an unprecedented global threat. Haiim with rapid test strips can screen for antibodies against COVID-19 anywhere.

Many COVID-19 tests use RT-PCR with swab samples.

However, this kind of detection method cannot meet community needs in the event of an infection outbreak, largely due to time consuming operation processes and requirements for expensive laboratory equipment.

Additionally, clinical studies demonstrate that **COVID-19 tests should use both RNA detection** (typical for quantitative RT-PCR tests) **and antibody measurements (serological test) from patients' blood** to provide a **more accurate diagnosis**^[1].

Fortunately, many test strip vendors have already developed rapid test kits which use blood samples to detect the antibody responses against the SARS-CoV-2 virus within just 15 minutes.



References

- [1] J. Zhao et al., Antibody Responses to SARS-CoV-2 in Patients of Novel Coronavirus Disease 2019 (2020). Available at SSRN: <https://ssrn.com/abstract=3546052>
 [2] Li Guo et al., Profiling Early Humoral Response to Diagnose Novel Coronavirus Disease (COVID-19) <https://pubmed.ncbi.nlm.nih.gov/32198501/>



Thank You

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