



POCT LYOFIA[®] Platform

- Excellent Performance
- High Efficiency
- Comprehensive Test Menu

Excellent Performance



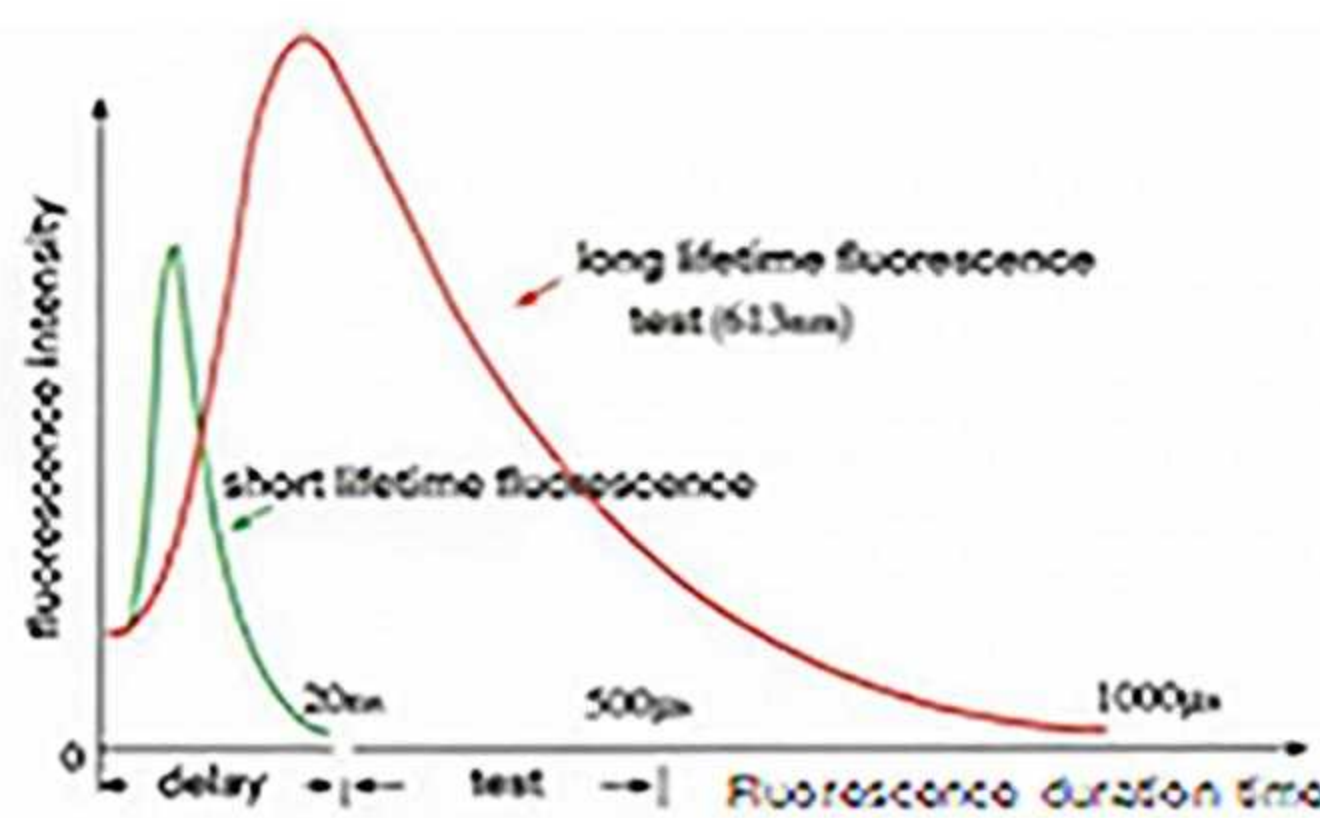
Microfluidic Design

Liquid phase reaction system, antigen-antibody react more fully, get accurate results.



Freeze-Dried Technic

The reagent is freeze-dried into microspheres, which can be stored and transported at room temperature (2-30°C).



Time resolved fluorescence immunoassay(TRFIA)

TRFIA uses Lanthanides(Eu 3+) as markers. Eu 3+ has wider Stokes shift and long fluorescence lifetime. It can effectively reduce the interferences from background fluorescence.

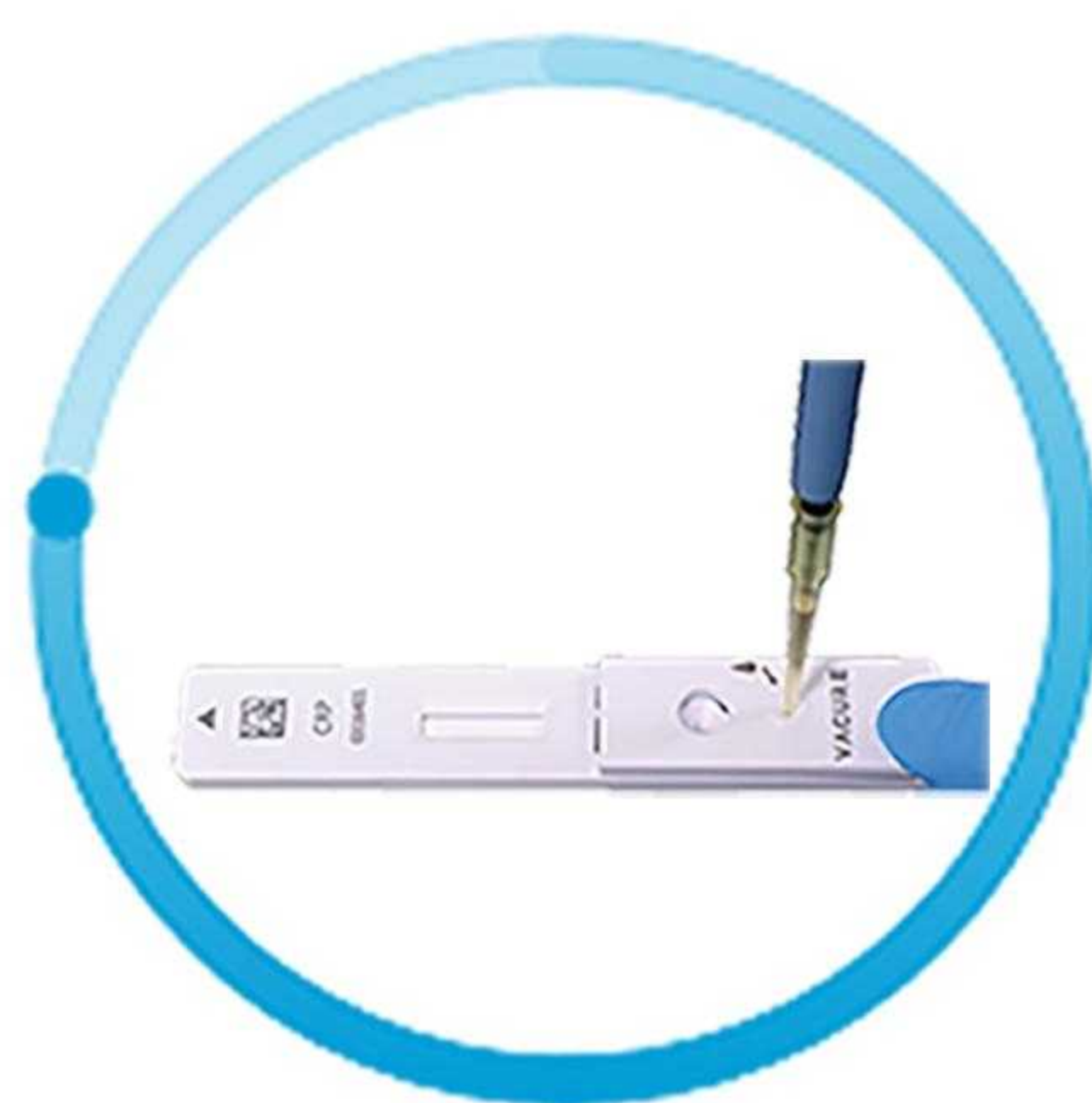


Calibration and QC management

Calibration and double QC management, ensures the reliability of patients' reports.

High Efficiency

LYOFIA® Platform is very easy to use, the results can be reported in 5-15 minutes within just 3 steps.



Step 1 Add Sample



Step 2 Insert cassette



Step 3 Get report



Fluorescent Immunoassay Analyzer

LYOFIA-I

Features

- Single Channel
- Small size, Light weight
- Equipped with an incubator



Simple and Fast

Technical Specification

DIMENSION	276mm x 230mm x 100mm
WEIGHT	1.8KG
INTERFACE	USB, RS-232, LAN
DATA STORAGE	> 10,000
REPEATABILITY	CV ≤ 5%
LINEARITY	r ≥ 0.99



Hospital



Laboratory



Ambulance



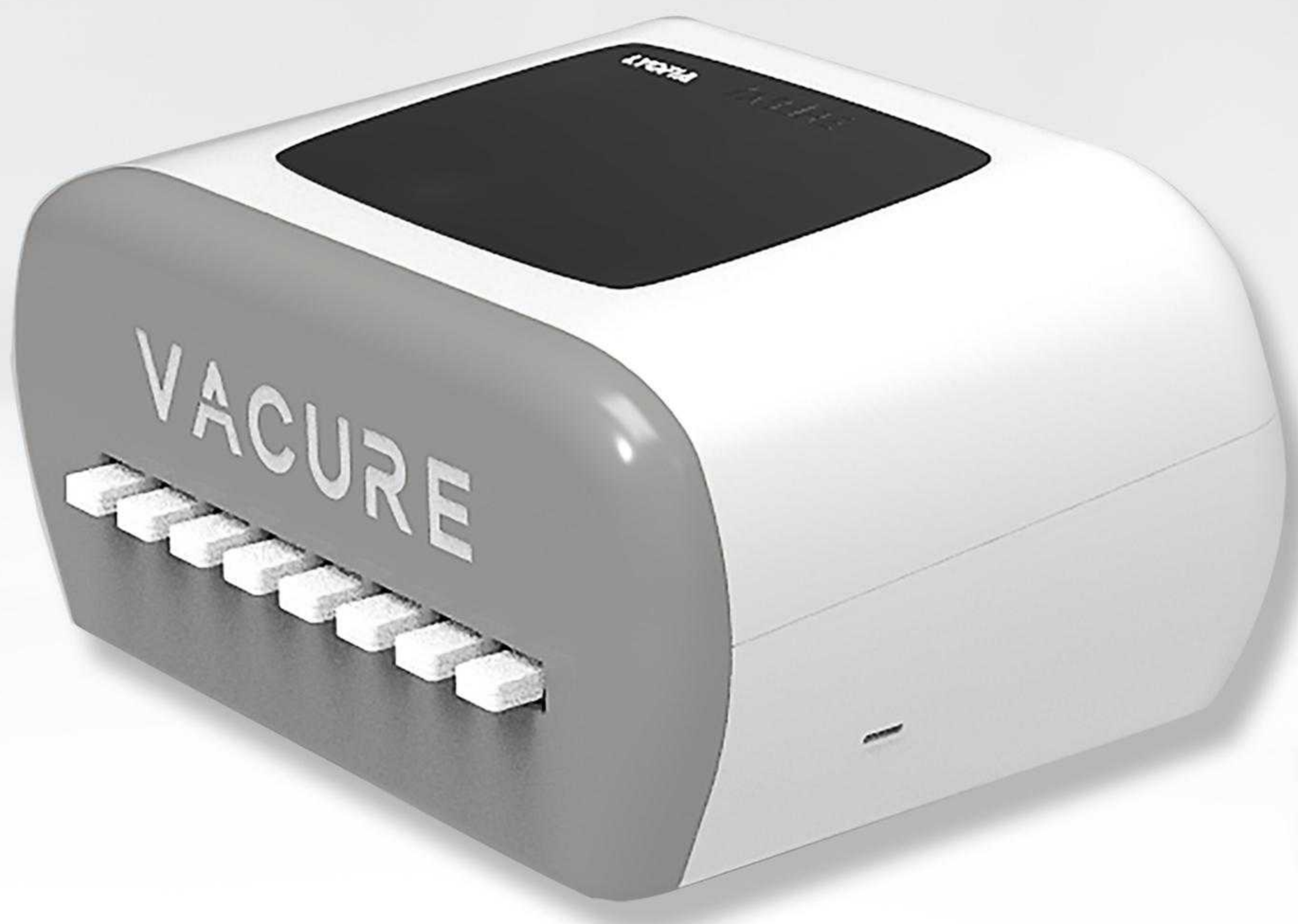
Clinic

Fluorescent Immunoassay Analyzer

LYOFIA8

Features

- 8 Channels, 8 Samples at a time
- 96 Tests/hour
- Built-in incubator
- Support continuous batch sample processing



Small and Portable

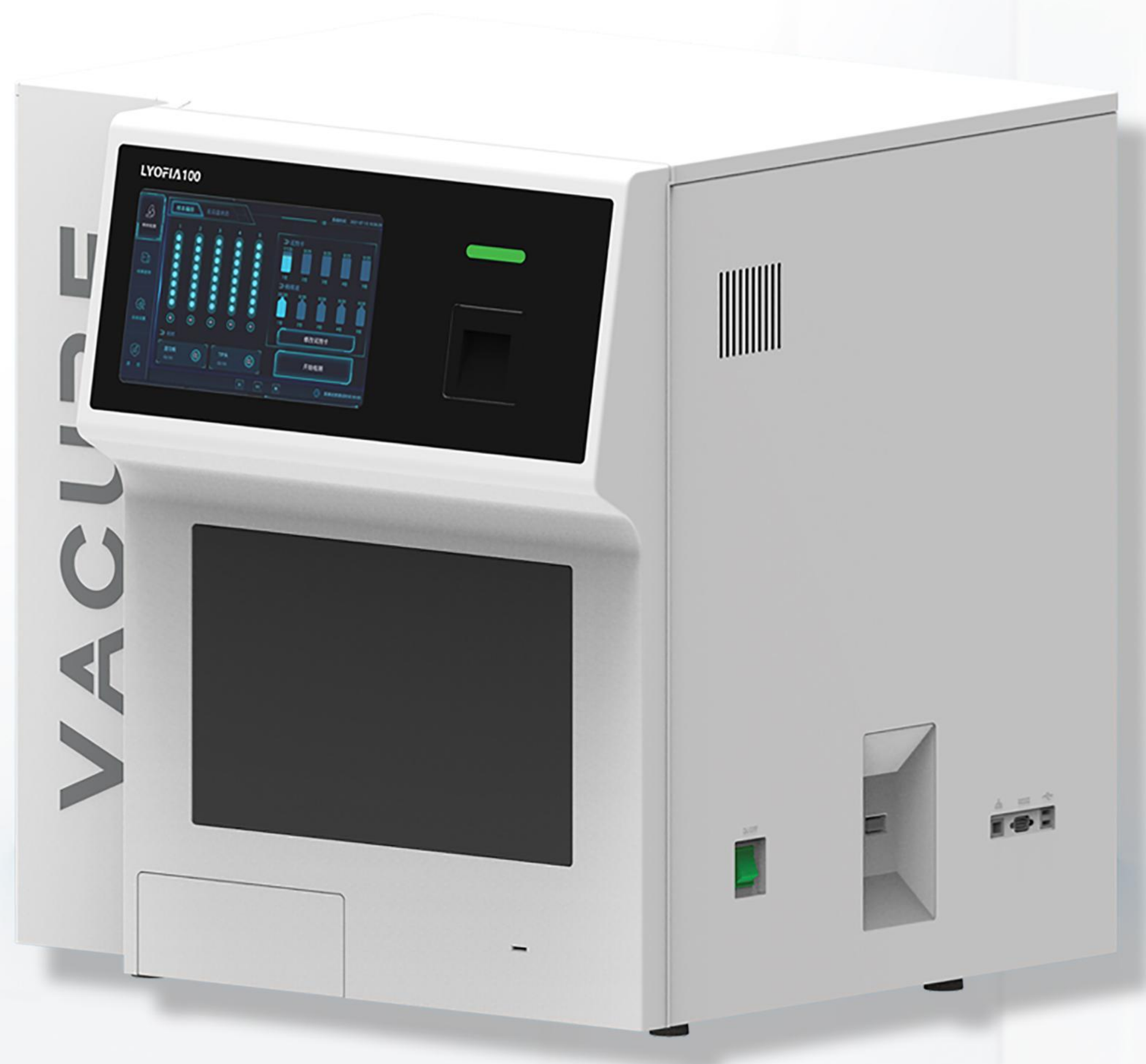
Technical Specification

DIMENSION	365mm x 255mm x 180mm
DATA STORAGE	> 10,000
INTERFACE	USB, RS-232, LAN, Power
DISPLAY SCREEN	7inch LCD
OPERATION INTERFACE	Capacitive touch screen
WEIGHT	6kg
TEMPERATURE FLUCTUATION	$\leq \pm 1^{\circ}\text{C}$
REPEATABILITY	$\text{CV} \leq 5\%$
LINEARITY	$r \geq 0.99$

Technical Specification

DIMENSION	715mm x 650mm x 710mm
ONBOARD TEST	Maximum 125 tests at a time
SAMPLE DISPENSING	Load Disposable sampling head design to avoid cross-contamination
DATA STORAGE	> 10,000
INTERFACE	USB, RS232, LAN, Power
DISPLAY SCREEN	10 inch LCD
OPERATION INTERFACE	Capacitive touch screen
WEIGHT	80kg
REPEATABILITY	CV ≤ 5%
LINEARITY	r ≥ 0.99

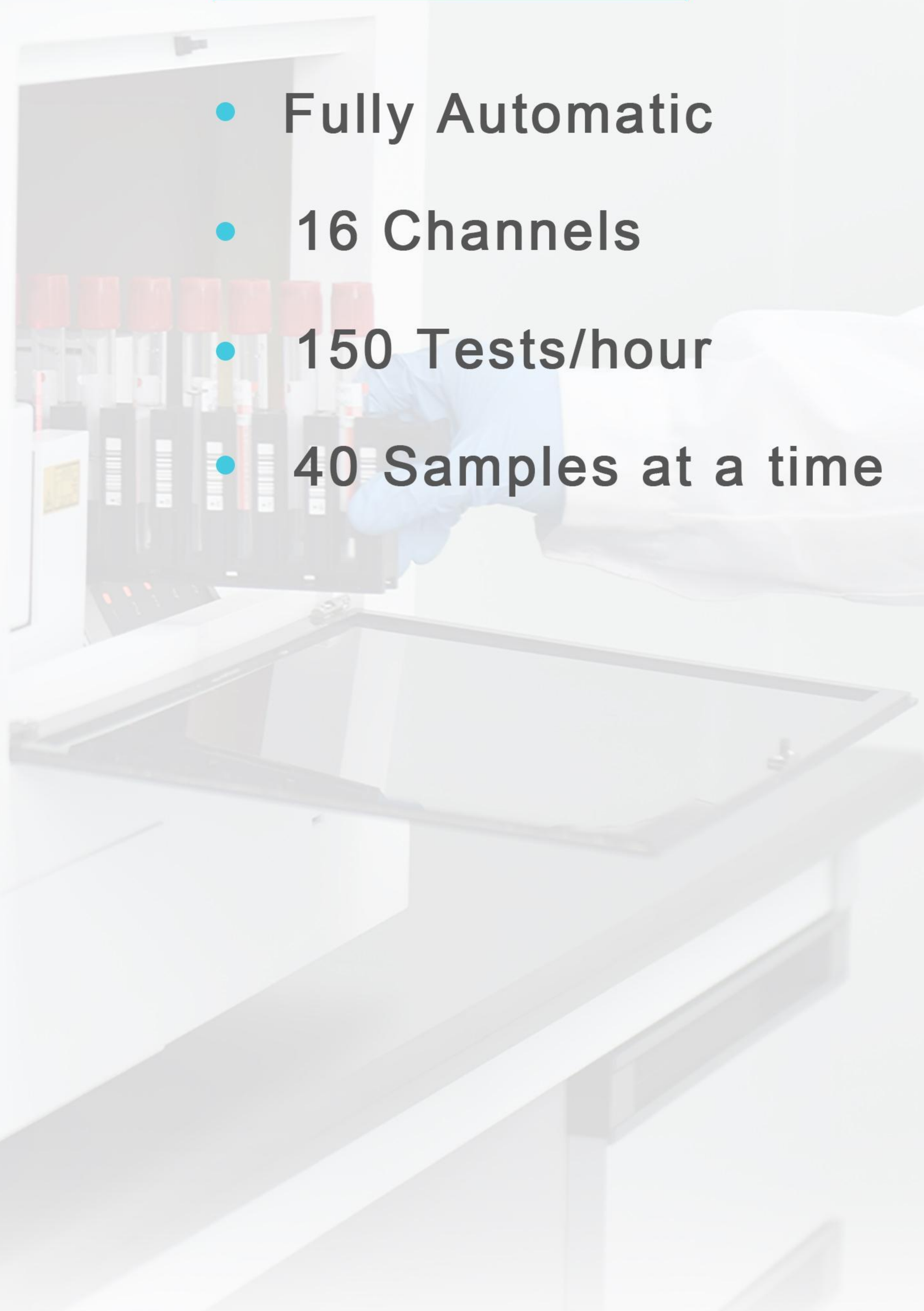
LYOFIA100

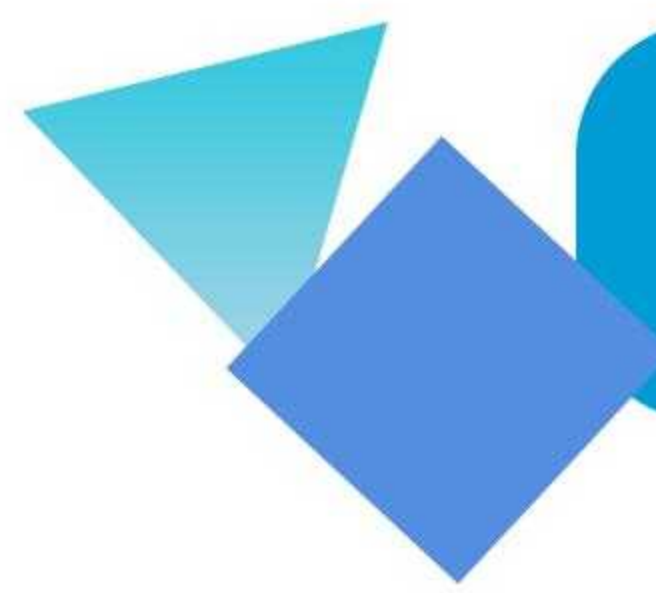


Free your hands

Features

- Fully Automatic
- 16 Channels
- 150 Tests/hour
- 40 Samples at a time





Comprehensive Test Menu

All test parameters are approved by CE mark.

CARDIAC MARKER

NT-proBNP
MYO
D-dimer
hs-cTnl
CK-MB
AMI-3
BNP
sST2
MPO
HCY

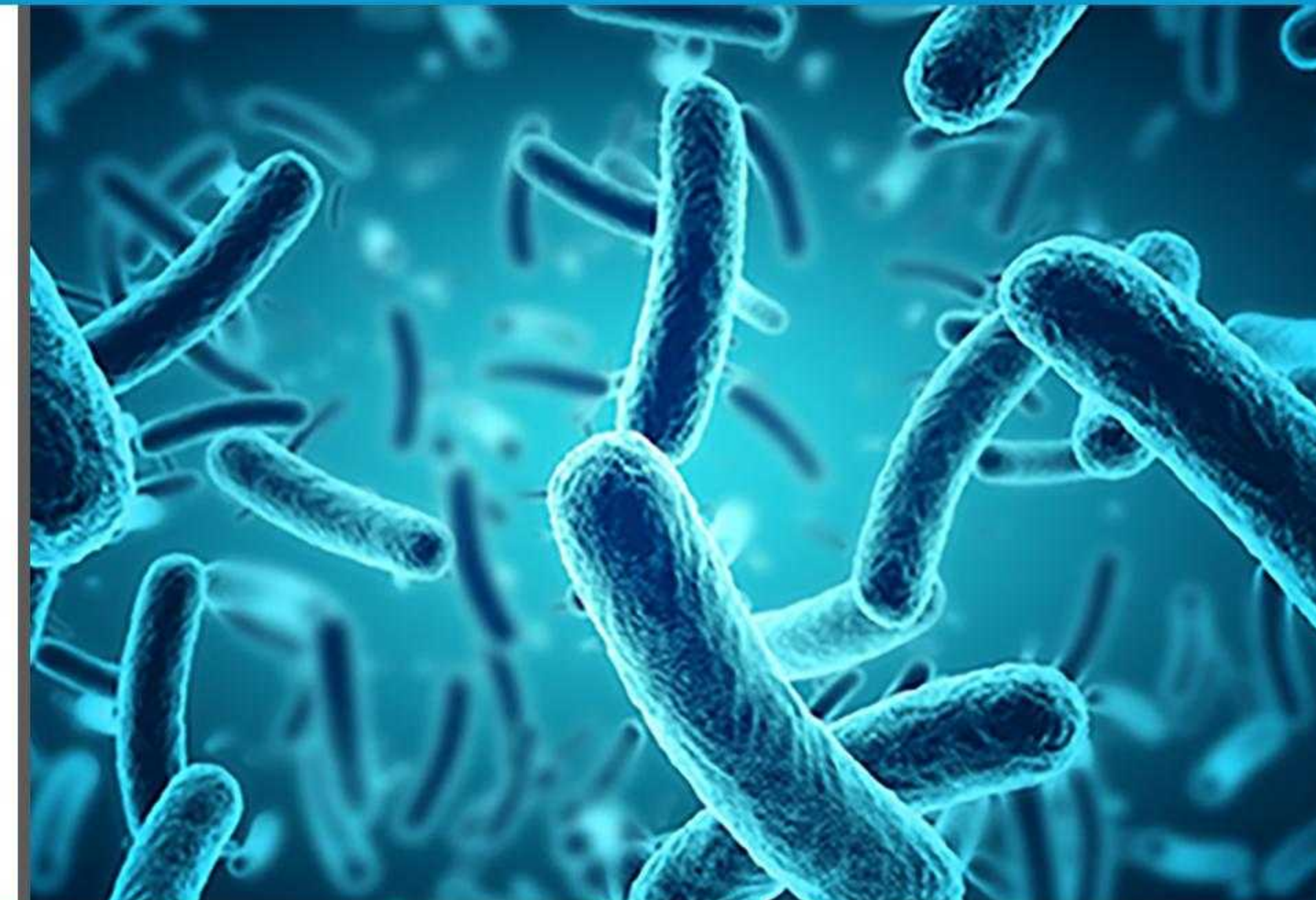
- Identification of acute dyspnea
- Identify fatal chest pain(ACS,APE,AAD)
- Diagnosis of preliminary Acute
- Myocardial Infarction (AMI)



INFLAMMATION

CRP
PCT
SAA
IL-6
CRP & SAA
PCT & IL-6

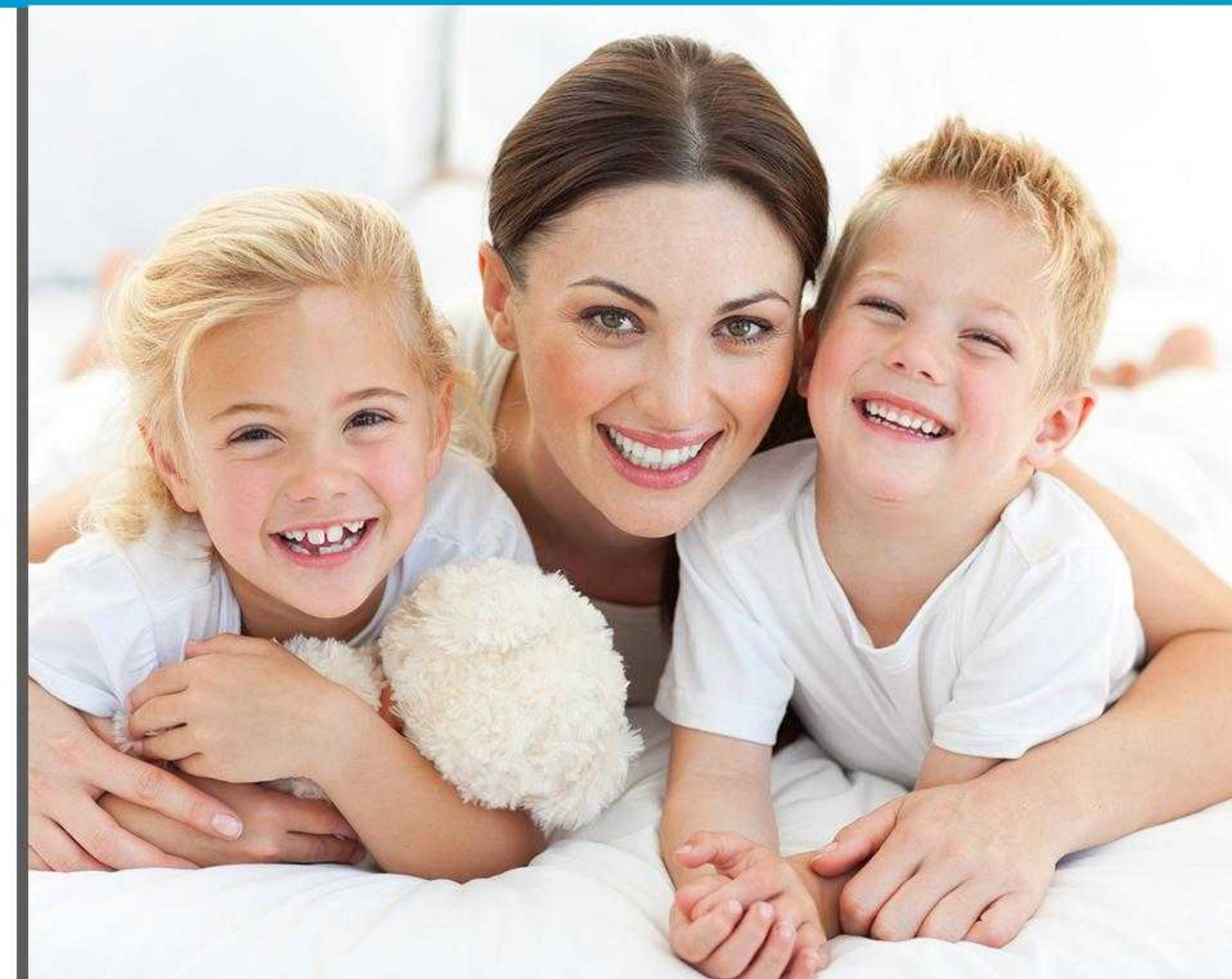
- Identify the type of infections
- Guide the use of antibiotics
- Assess the severity of the infections



GROWTH & DEVELOPMENT

25-OH Vitamin D
Ferritin
Vitamin B12
Folate
GH
IGFBP-3
IGF-I

- Assess the cause of anemia
- Identify anemia types
- Assess whether children are acalcerosis



GASTRIC FUNCTION

PG I & PG II
G-17
HP-Ag
HP-Ab

- Diagnosis of chronic atrophic gastritis
- Assessment of the site and severity of gastric mucosal atrophy
- Screening for gastric cancer



DIABETES

HbA1c
β2-MG
mAlb
C-peptide
INS

- Evaluate blood glucose control level
- Early diagnosis of mild type T2DM



THYROID & HORMONE

TT3
TT4
TSH
FT3
FT4
β -HCG
FSH
LH
Prolactin
E2
Testosterone
Progesterone
AMH

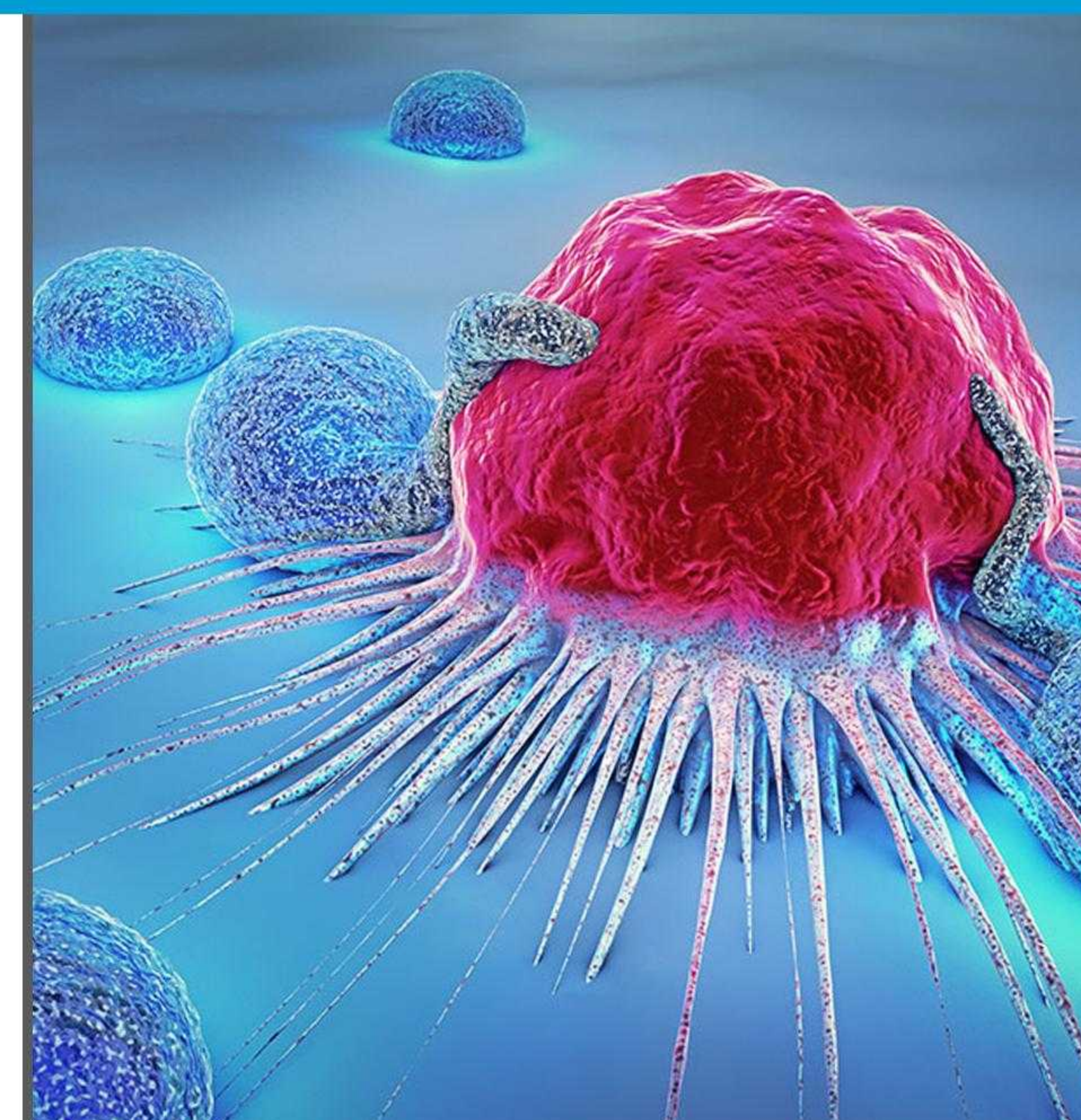
- Early screening of thyroid function
- Evaluate the effect of thyroid suppression therapy
- Understand the basic ovarian function
- Diagnosis of reproductive endocrine diseases
- Differential ectopic pregnancy



TUMOR

VEGF
ProGRP
CYFRA21-1
AFP
FOB
PSA
CEA
CA125
CA19-9

- Early screening of tumors
- Auxiliary diagnosis of cancer



INFECTIOUS DISEASE

Dengue-Ag
Dengue-Ab
Flu & RSV
TP-Ab

- Diagnosis of Infectious Diseases
- Assisting in judging the course of the disease



PREMATURE & ECLAMPSIA

PAMG-1
fFN
IGFBP-1
PLGF & sFLT-1

- Diagnosis of Premature Rupture of Membranes(PROM)
- Predicting the Risk of Preterm Birth in Pregnant Women



OTHERS

Total IgE
Calprotectin
RF
Anti-CCP

- Useful in the in vitro diagnosis of allergic rhinitis
- A good helper for inflammatory bowel disease
- Identify rheumatoid disease



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