CE IVD TÜV SÜD ISO

V-CHEK

Time-resolved Fluorescence Immunoassay Analyzer

SARS-CoV-2

High sensitivity

Android system

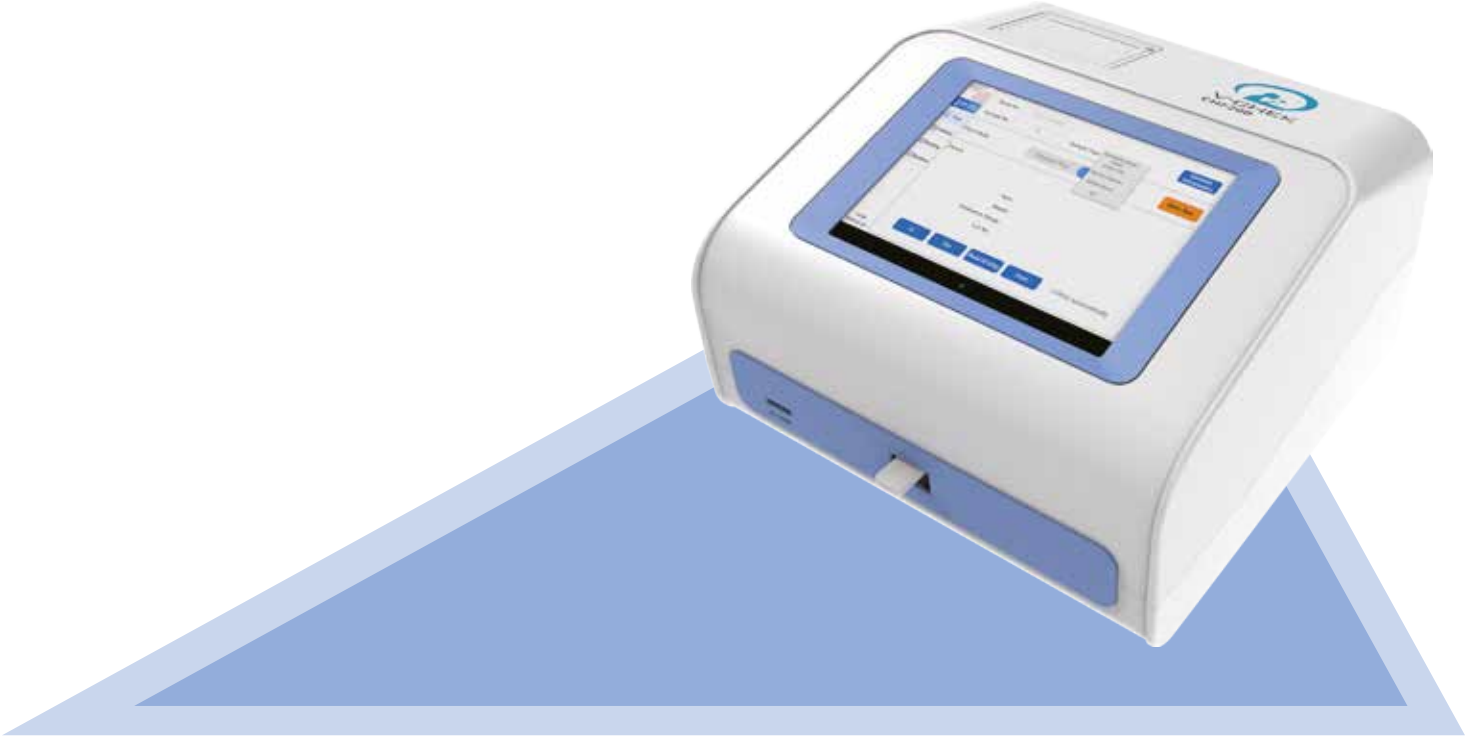
LIS / HIS

Sample Type

- Whole blood
- Serum
- Plasma
- Nasopharyngeal swab
- Saliva

Test Items

- SARS-CoV-2 Antigen
- SARS-CoV-2 Antibody（total/IgG/IgM）
- SARS-CoV-2 neutralizing antibody



SARS-CoV-2 neutralizing antibody

Value Results*	Result	Test Result Interpretation
≥ 0% Signal Inhibition	Positive	Neutralizing antibodies for SARS-CoV-2 are detected
＜0% Signal Inhibition	Negative	Neutralizing antibodies for SARS-CoV-2 are not detected

$$\text{Percent Signal Inhibition} = \left(1 - \frac{\text{T/C value of Sample}}{\text{T/C value of Negative Control}}\right) \times 100\%$$

Performance parameter

Product name	Immunofluorescence Analyzer		
Model	CHF200	CHF600	CHF100
Size	280*280*170mm		245*270*160mm
Display	8 inches		7 inches
Weight	＜2kg		
Methodology	Time-resolved Fluorescence Immunoassay		
Sample type	Whool blood/serum/plasma/nasopharyngeal swab/saliva		
Test channel	Single channel	Six channels	Single channel
Test items	Up to 1000		
Test mode	Single card multi-project(≤3items)		
Test speed	Single card ＜10s		
Internet	Serial Port,USB,WLAN		
Print	Built-in thermal printer		
System	Android		Free OS
Storage	＞10000 test records		＞1000 test records
Language	English,French,Spanish,Portuguese,Chinese,etc		
Card code	QR code		

CHF100

CHF200

CHF600