

Quantitative / Digitalized Qualitative Rapid Immuno Assay Reader

NS7001 BRDI



NMPA

CE

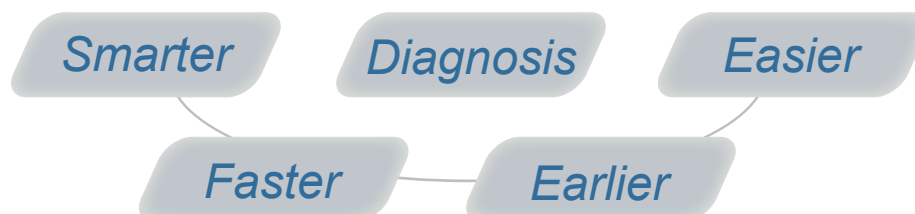
ISO
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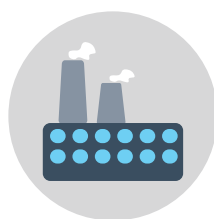
MHRA

Reader Introduction

NS7001 BRDI is an innovative handheld reader that connect the smartphone and rapid tests for the Digitalized Qualitative and Quantitative detection and interpretation of comprehensive bio-markers, including COVID-19, Infectious Disease, Hormone, Tumor Marker, Inflammation, Cardiovascular, Renal Injury, etc.



Applications



Hospital (ER, ICU, outpatient, ambulance)
Factory, railway station, airport, school, theater
Labs, pharmacy, private clinic, community center, family

Technology Advantages

➤ Patented technology : universal, intelligent, handheld

- Professional chromatography immunoassay technology (lateral flow RDTs)
- Innovative, scientific digitalized qualitative interpretation
- Rapid, accurate, fully quantitative interpretation

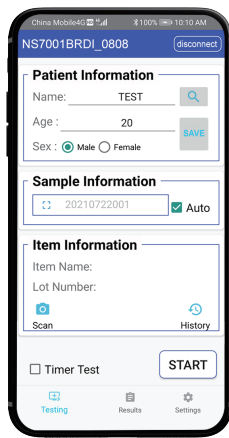


Reader Specification

Method	Chromatography Immunoassay (Colloidal Gold)
Specimen	Whole Blood/Serum/Plasma/Urine/Nasal or Throat Swab
Data Storage	Smartphone
Display Screen	Touch Screen (Reader / Smartphone)
Communication	Bluetooth, 4G/5G, WIFI
Dimension	115 × 60 × 90mm (L × W × H)
Weight	200g

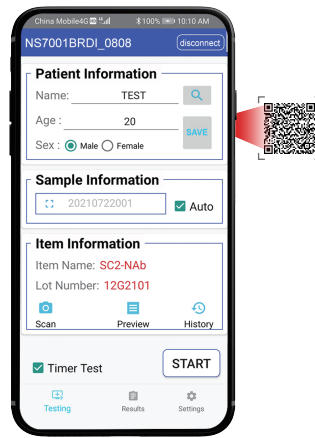
Easy Operation

step1



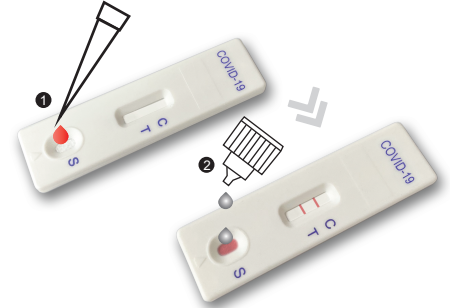
Input Information

step2



Scan QR Code

step3



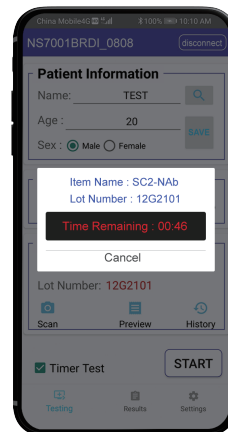
Dispense Sample & Buffer

step4



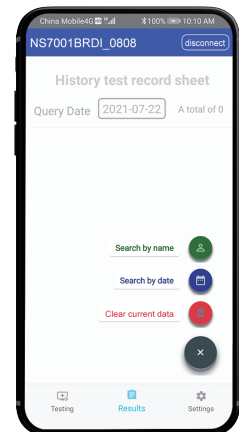
Insert Test Card

step5



Start Testing

step6



Obtain Test Result

Advantages of Digitalized Qualitative Interpretation

1. **More Accurate** : upgraded from traditional visualized +/- result to the specific data for further understanding of the progression of the disease.
2. **More Reliable** : to better accomplish the scientific and standard QC management.
3. **More Traceable** : test result could be recorded for review and analysis, avoid medical disputes.

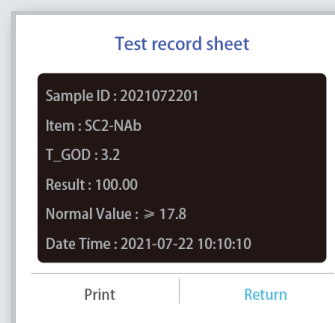
Recommended

➤ Digitalized Qualitative Interpretation of COVID-19 NAb

COVID-19 Neutralizing Antibody Rapid Test Cassette is for the Digitalized Qualitative detection of SARS-COV-2 neutralizing antibody (NAb), which can be used to determine the immunity status and efficacy after infection or vaccination.

- Sensitivity : 99.04%
- Specificity : 97.56%
- Total Accuracy : 98.62%

✓ Available in 40 tests/box, 1 test/box



Test Items (CE Certified)

➤ Chromatography Immunoassay (Colloidal Gold)

S/N	Category	Item	Sample
1	COVID-19	COVID-19 NAb, COVID-19 Ag	Whole blood, Nasal/throat swab
2	Infectious Disease	HCV	Whole blood
3	Hormone	HCG, LH, FSH, TSH	Urine, Whole blood
4	Tumor Marker	AFP, CEA	Whole blood
5	Inflammation	CRP, PCT	Whole blood
6	Cardiovascular	D-Dimer, cTnI	Whole blood
7	Renal Injury	mAlb	Urine

* Comprehensive CE marked product series

IVD



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