

FREND™ System

COVID-19 Ag

Microfluidic Qualitative Immunoassay



Fast result

3
min

Easy to use

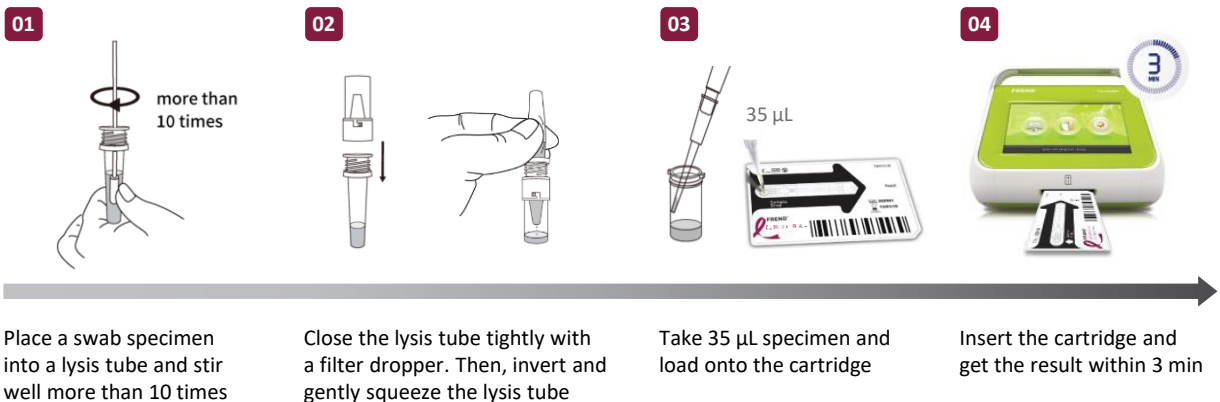
2
step

Monitoring

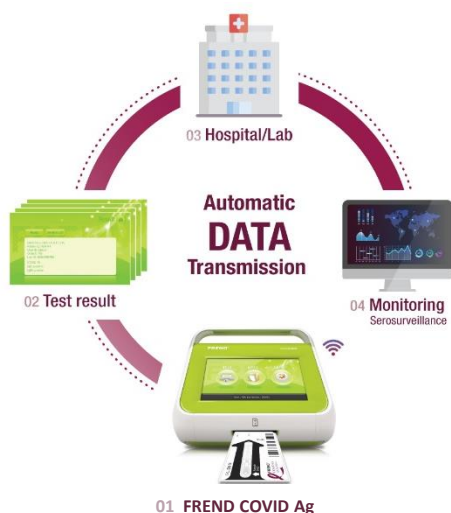
LIS



The **FREND™ COVID-19 Ag** is a fluorescence immunoassay (FIA) for use with the FREND™ System. It is designed for the qualitative detection of the **nucleocapsid protein of SARS-CoV-2** directly from nasopharyngeal swab specimens directly from individuals suspected with COVID-19 by their healthcare provider.



Laboratory Information System Connectivity



In the event of a pandemic, the management of a vast amount of clinical result is important. However, many laboratories face the challenge in arranging the essential information effectively⁽¹⁾.

- Paperless
- Time-saving
- Automatic Data Transfer & Collect
- Convenient Data Management
- Can help monitoring (serosurveillance)

Reference

(1) Division of Laboratory Systems (DLS), Clinical Laboratory COVID-19 Response Call

Clinical Performance Evaluation

The total of 109 clinical samples (34 positive and 75 negative) confirmed with RT-PCR were tested with the FRENDS™ COVID-19 Ag. It shows 94.12% PPA (Positive Percent Agreement) and 100.00% NPA (Negative Percent Agreement) as shown below.

Method		Clinical Confirmation Sample	
		Positive	Negative
FRENDS™ COVID-19 Ag	Positive	32	0
	Negative	2	75
Total		34	75

Positive Percent Agreement: 94.12% (32/34)

Negative Percent Agreement: 100.00% (75/75)

Components

No.	Contents
1	FRENDS™ COVID-19 Ag Cartridges
2	Lysis tubes
3	Filter dropper with a specimen cup
4	Disposable pipette tips or Disposable fixed volume pipettes
5	Disposable sterile nasopharyngeal swab
6	COVID-19 Ag Positive control swab
7	COVID-19 Ag Negative control swab
8	Code chip
9	Package insert

Ordering information

Item	Cat. no
FRENDS™ System	F10
FRENDS™ COVID-19 Ag	FRCOG

Specification

Item	Specification
Specimen	Nasopharyngeal swab
Time to result	< 3 min
Volume	35 µL

Related products



COVID-19 RT-PCR Kit

Molecular diagnosis
1-step Real-Time RT-PCR assay



COVID-19 IgG/IgM Duo

Antibody diagnosis
Qualitative test for COVID-19 IgG/IgM
(Nucleocapsid protein)



COVID-19 SP

Antibody diagnosis
Qualitative test for COVID-19 IgG/IgM
(Spike Protein)