

Fluorescence Immunoassay

Gastrointestinal Diseases

H. pylori Antigen
Adenovirus
Rotavirus
Rota/Adeno
Norovirus GI/GII
Clostridium difficile GDH
C.difficile Toxin A+Toxin B
C.difficile GDH/Toxin A/Toxin B
FOB
Calprotectin

Respiratory Diseases

COVID-19 FLU A+B
COVID-19 Ag&FLU A+B
RSV Adenovirus pneumoniae
Adeno/RSV Strep A
Mycoplasma pneumoniae Antigen
Streptococcus pneumoniae
Legionella pneumophila Antigen
Human Metapneumovirus (HMPV)
Human Parainfluenza Virus (HPIV)

Vector Borne Diseases

Dengue IgG/IgM
Dengue NS1
Malaria P.f./P.v./Pan Antigen





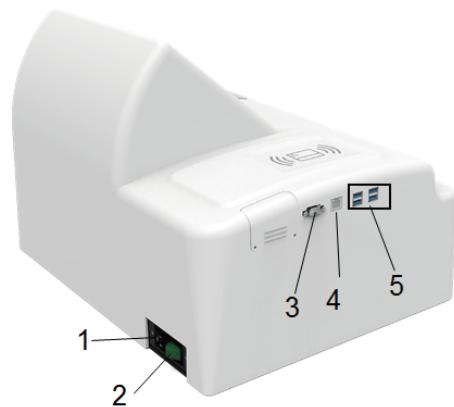
AFR-701

Analyzer Advantages

- High accuracy (stringent quality control monitoring & system check function)
- User-friendly (simple plug & play operation, 10.1" LCD touch screen, 45° screen)
- Clear status indicators (5 different color indicators for easily monitoring of the testing process)
- Effortless standard curve import (uses RFID cards for the automatic induction)
- Automated recognition (automatically identifies QR codes on cassettes)
- Incubation temperature control (ensuring precise incubation at 37°C)
- Easy operation (less training required)
- High efficiency (batch testing, 12 tests in one go)
- Time-saving (reading time less than 20 seconds)
- Get printing test reports instantly (built-in thermal printer)
- LIS/HIS compatibility available
- Strong stability
- Extensive test menu



1: RFID card reading area; 2: Status indicator light; 3: Test channel (door); 4: Touch screen; 5: Built-in thermal printer; 6: Waste box



1: Power connector; 2: Power switch; 3: COM port; 4: LAN port; 5: USB port.

Technical Parameters

Principle	Fluorescence Immunoassay
Test Method	Cassette
Measurement Mode	Quantitative/Qualitative
Reading Time	<20S
Reaction Time	Refer to reagent instructions
Sample Type	Refer to reagent instructions
Dimensions	502mm*405mm*362mm
Screen Size	10.1-inch color LCD
Weight	14.5kg

Maximum Power	200VA
Operating Voltage Range	AC: 100-240V 50/60Hz
Interface	COM*1 USB *4 LAN *1
Storage Records	10000 records
Operating Temperature	10-30 °C
Relative Humidity	≤ 85%
Excitation/Emission Wavelength	365/610 (nm)
Printer	Built-in thermal printer
Test Channels	12 channels

☐ H.pylori Antigen Test Cassette

Cat. No.	Specimen	Reading Time	Sensitivity / Specificity / Accuracy
FI-HP-602	Feces	15 minutes	98.0%, 96.0%, 97.0%



H.pylori Antigen Test Cassette is intended for in vitro quantitative determination of H.pylori Antigen in human feces. Measurement of H.pylori antigen is used as an aid to diagnosis of H.pylori infection.

☐ Legionella pneumophila Test Cassette

Cat. No.	Specimen	Reading Time	Sensitivity / Specificity / Accuracy
FI-LEG-102	Urine	15 minutes	97.1% / >99.9% / 99.0%



The Legionella pneumophila Test Cassette is intended for in vitro qualitative detection of antigen of Legionella pneumophila antigens in human urine to aid in the rapid differential diagnosis of Legionella pneumophila infections.

☐ Norovirus Test Cassette

Cat. No.	Specimen	Reading Time
FI-NOV-602	Feces	15 minutes



The Norovirus Test Cassette (Feces) is intended for the in vitro qualitative detection of Norovirus antigen in human feces as an aid in the diagnosis of Norovirus infection.

☐ Clostridium difficile GDH Test Cassette

Cat. No.	Specimen	Reading Time
FI-CDG-602	Feces	15 minutes



The Clostridium difficile GDH Test Cassette (Feces) is intended for the in vitro qualitative determination of Clostridium difficile GDH Antigen in human feces.

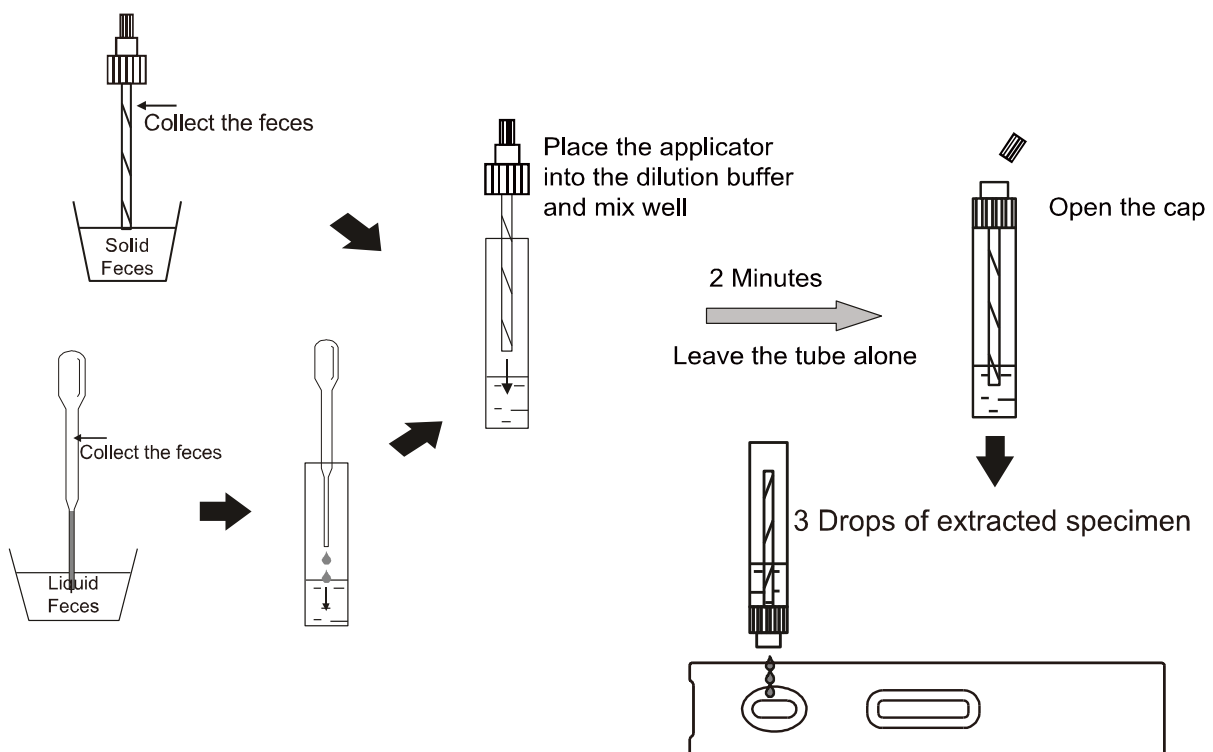
☐ COVID-19 Antigen/Influenza A+B Combo Test Cassette

Cat. No.	Specimen	Reading Time
FI-CIC-525	Nasopharyngeal Swab	15 minutes



The COVID-19 Antigen/Influenza A+B combo Test Cassette (Nasopharyngeal Swab) is intended for in vitro detection of SARS-CoV-2 Nucleo-capsid protein, influenza A and B antigens in nasopharyngeal swab specimens. It is intended to aid in the rapid differential diagnosis of SARS-CoV-2, influenza A and B viral infections.

How to use Fluorescence Immunoassay Test?



Test Item

Code No.	Product	Specimen	Cut-off	Measuring Range	Pack
Gastrointestinal Diseases					
FI-HP-602	<i>H. pylori</i> Antigen	Feces	< 2.5 ng/mL	2-1500 ng/mL	10T/25T
FI-AD-602	Adenovirus	Feces	< 1 COI	Qualitative (0-100 COI)	10T/25T
FI-ROT-602	Rotavirus	Feces	< 1 COI	Qualitative (0-100 COI)	10T/25T
FI-RAC-602	Rota/Adeno	Feces	< 1 COI	Qualitative (0-100 COI)	10T/25T
FI-NOV-602	Norovirus GI/GII	Feces	< 1 COI	Qualitative (0-100 COI)	10T/25T
FI-CDG-602	<i>Clostridium difficile</i> GDH	Feces	< 1 COI	Qualitative (0-100 COI)	10T/25T
FI-CDT-625	<i>C. difficile</i> Toxin A+Toxin B	Feces	< 1 COI	Qualitative (0-100 COI)	10T/25T
FI-CD-602	<i>C. difficile</i> GDH/Toxin A/Toxin B	Feces	< 1 COI	Qualitative (0-100 COI)	10T/25T
FI-FOB-602	FOB	Feces	50 ng/mL	10-1000 ng/mL	10T/25T
FI-CAL-602	Calprotectin	Feces	50 µg/g	1-1000 µg/g	10T/25T
Respiratory Diseases					
FI-NCP-502	COVID-19 Antigen	Swab	< 1 COI	Qualitative (1-1000 COI)	20T
FI-NCP-402	COVID-19 IgG/IgM	Finger Prick Blood, WB/S/P	< 1 COI	Qualitative (0-20 COI)	10T/25T
FI-CSG-402	COVID-19 S-RBD IgG Antibody	Finger Prick Blood, WB/S/P	< 1 COI	Semi-quantitative (0.5-100 COI)	10T/25T
FI-CIC-525	COVID-19 Ag&FLU A+B	Nasopharyngeal Swab	< 1 COI	Qualitative	20T
FI-FLU-502	RSV	Swab	< 1 COI	Qualitative (0-100 COI)	10T/20T
FI-RSV-502	FLU A+B	Swab	< 1 COI	Qualitative (0-100 COI)	10T/20T
FI-AD-502	<i>Adenovirus pneumoniae</i>	Nasopharyngeal Swab	< 1 COI	Qualitative (0-100 COI)	10T/20T
FI-AR-502	Adeno/RSV	Nasopharyngeal Swab	< 1 COI	Qualitative (0-100 COI)	10T/20T
FI-STA-502	<i>Strep A</i>	Swab	< 1 COI	Qualitative (0-100 COI)	10T/25T
FI-MP-502	<i>Mycoplasma pneumoniae</i> Antigen	Throat Swab	< 1 COI	Qualitative (0-100 COI)	10T/25T
FI-SP-102	<i>Streptococcus pneumoniae</i>	Urine	< 1 COI	Qualitative (0-100 COI)	10T/20T
FI-LEG-102	<i>Legionella pneumophila</i> Antigen	Urine	< 1 COI	Qualitative (0-100 COI)	10T/20T
FI-HMPV-502	Human Metapneumovirus (HMPV)	Nasopharyngeal Swab	< 1 COI	Qualitative (0-100 COI)	10T/20T
FI-HPIV-502	Human Parainfluenza Virus (HPIV)	Nasopharyngeal Swab	< 1 COI	Qualitative (0-100 COI)	10T/20T
Vector Borne Diseases					
FI-DEN-402	Dengue IgG/IgM	Finger Prick Blood, WB/S/P	< 1 COI	Qualitative (0-100 COI)	10T/25T
FI-DES-402	Dengue NS1	Finger Prick Blood, WB/S/P	< 1 COI	Qualitative (0-100 COI)	10T/25T
FI-MAL-435	Malaria P.f./P.v./Pan Antigen	Finger Prick Blood, WB	< 1 COI	Qualitative (0-20 COI)	10T/25T

Product Advantages

- Powered by europium-based technology for high quality
- Fast result (3-15 minutes)
- Simple operation (Less training required)
- Objective (results read by analyzer)
- Stringent quality control insure high accuracy
- Easy storage condition (4-30 °C) with long shelf life

