

**4** Incubation Channels,  
**1** Emergency Test Channel!



# Getein 1160

Immunofluorescence Quantitative Analyzer

Getein 1160 Immunofluorescence Quantitative Analyzer is a rapid, compact, user-friendly, multi-item analyzer that provides point-of-care testing and saves diagnosis time for patients. With **4 test channels** and **32 °C constant incubation environment**, Getein 1160 could offer timely, accurate and efficient testing for a wide range of scenarios.



- **Portable**

Dimensions: 299 mm (W) × 276 mm (D) × 152 mm (H)  
Weight: 4 kg

- **Detection Performance Improved**

Reduced influence by temperature and improved detection accuracy

- **Convenient**

Easy to operate, user friendly interface

- **Instant Results**

Get results in 3-15 minutes

- **Reliable Accuracy**

Good correlation with CLIA method

- **Auto Cartridge Collection**

Automatically receive the used test cards when the test is finished

# Technical Specifications



# Application



Laboratory



Clinic



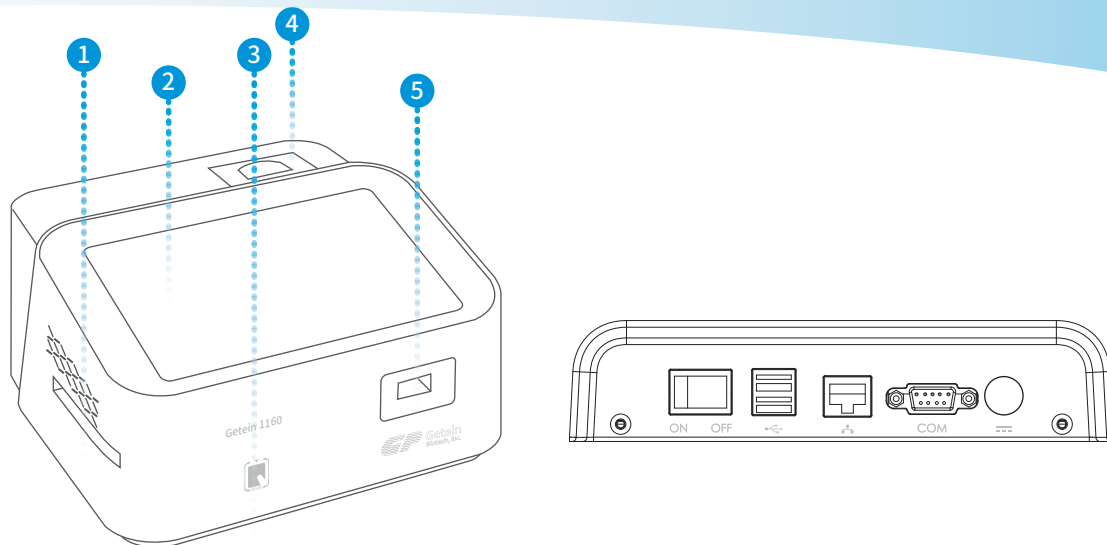
Emergency



Ambulance

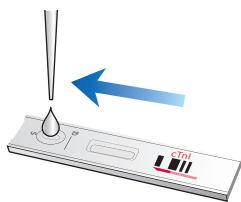


ICU



- 1 Card Exit
- 2 10.1-inch Touch Screen
- 3 RFID Card Recognition Zone
- 4 Built-in Thermal Printer
- 5 Card Inlet

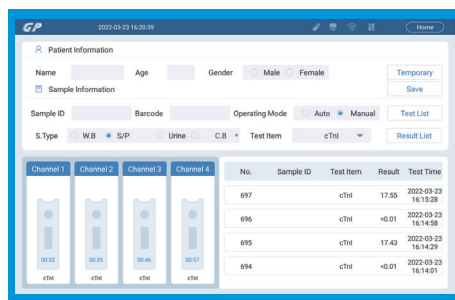
## Operation Procedure



- 1 Sample dispense



- 2 Insert test cards, four allowed at the same time



- 3 Waiting in incubation



- 4 Result show and print

# TEST ITEMS

Cat. #	TEST ITEMS	DISEASES	CUT-OFF VALUE	SAMPLE TYPES	MEASURING RANGE	SAMPLE VOLUME	REACTION TIME	QUALIFICATION
<b>Cardiac Markers</b>								
IF5001	<b>cTnI</b>	Myocardial infarction	0.10 ng/mL	S/P/WB	0.10-50.00 ng/mL	100 µL	10 min	NMPA CE
IF5019	<b>hs-cTnI</b>	Acute myocardial infarction	0.04 ng/mL	S/P/WB	0.01-50.00 ng/mL	100 µL	10 min	NMPA CE
IF5098	<b>TnT</b>	Myocardial infarction	14.0 pg/mL	S/P/WB	10.0-10000.0 pg/mL	100 µL	15 min	NMPA CE
IF5018	<b>CK-MB</b>	Myocardial injury	5.00 ng/mL	S/P/WB	2.50-80.00 ng/mL	100 µL	10 min	NMPA CE
IF5089	<b>BNP</b>	Heart failure	100.0 pg/mL	P/WB	5.0-5000.0 pg/mL	100 µL	10 min	NMPA CE
IF5002	<b>NT-proBNP</b>	Heart failure	300 pg/mL	S/P/WB	100-35000 pg/mL	100 µL	10 min	CE
IF5014	<b>H-FABP</b>	Myocardial damage	6.36 ng/mL	S/P/WB	1.00-120.00 ng/mL	100 µL	3 min	NMPA CE
<b>NEW</b> IF5087	<b>ST2</b>	Chronic heart failure	35.0 ng/mL	S/P/WB	3.0-200.0 ng/mL	100 µL	15 min	CE
IF5012	<b>CK-MB/cTnI</b>	Myocardial damage/infarction	CK-MB: 5.00 ng/mL cTnI: 0.10 ng/mL	S/P/WB	2.50-80.00 ng/mL 0.10-50.00 ng/mL	100 µL	10 min	NMPA CE
IF5005	<b>CK-MB/cTnI/Myo</b>	Myocardial damage/infarction	CK-MB: 5.00 ng/mL cTnI: 0.10 ng/mL Myo: 70.0 ng/mL	S/P/WB	2.50-80.00 ng/mL 0.10-50.00 ng/mL 30.0-600.0 ng/mL	100 µL	10 min	NMPA CE
IF5016	<b>CK-MB/cTnI/H-FABP</b>	Myocardial damage/infarction	CK-MB: 5.00 ng/mL cTnI: 0.10 ng/mL H-FABP: 6.36 ng/mL	S/P/WB	2.50-80.00 ng/mL 0.10-50.00 ng/mL 2.00-100.00 ng/mL	100 µL	10 min	NMPA CE
<b>Coagulation Marker</b>								
IF5006	<b>D-Dimer</b>	Venous thromboembolism	0.50 mg/L	P/WB	0.10-10.00 mg/L	100 µL	10 min	NMPA CE
<b>Thyroid Function</b>								
IF5024	<b>TSH</b>	Thyroid malfunction	0.27-4.20 µIU/mL	S/P	0.10-50.00 µIU/mL	100 µL	15 min	NMPA CE
IF5022	<b>T3</b>	Thyroid Function	1.30-3.10 nmol/L	S/P	0.30-10.00 nmol/L	100 µL	15 min	NMPA CE
IF5023	<b>T4</b>	Thyroid Function	59.00-154.00 nmol/L	S/P	5.40-320.00 nmol/L	100 µL	15 min	NMPA CE
IF5067	<b>ft3</b>	Thyroid Function	3.10-6.80 pmol/L	S/P/WB	0.60-50.00 pmol/L	100 µL	15 min	NMPA CE
IF5068	<b>ft4</b>	Thyroid Function	12.00-22.00 pmol/L	S/P/WB	0.30-100.00 pmol/L	100 µL	15 min	NMPA CE
<b>Vitamin</b>								
IF5031	<b>25-OH-VD</b>	Osteoporosis	20.00-50.00 ng/mL	S/P/WB/ Capillary blood	8.00-100.00 ng/mL	20 µL	8 min	NMPA CE
<b>NEW</b> IF5094	<b>Folate</b>	Megaloblastic anemia	3.89 ng/mL~26.80 ng/mL (8.83 nmol/L-60.80 nmol/L)	S/P	1.2-20.0 ng/mL (2.72-45.4 nmol/L)	20 µL	15 min	CE
<b>NEW</b> IF5070	<b>Vitamin B12</b>	Megaloblastic anemias	197.00-771.00 pg/mL (145.40-569.00 pmol/L)	S/P	100.0-2000.0 pg/mL or 73.8 -1476.0 pmol/L	100 µL	15 min	CE
<b>Diabetes Mellitus</b>								
IF5017	<b>HbA1c</b>	Diabetes mellitus	3.80%-5.80%	WB	2.00%-14.00%	10 µL	5 min	NGSP/IFCC NMPA CE
<b>Inflammation</b>								
IF5003	<b>hs-CRP+CRP</b>	Cardiovascular inflammation	3.0 mg/L 10.0 mg/L	S/P/WB Fingertip blood	0.5-200.0 mg/L	10 µL	3 min	NMPA CE
IF5007	<b>PCT</b>	Sepsis, bacterial infection	0.10 ng/mL	S/P/WB	0.05-50.00 ng/mL	100 µL	15 min	NMPA CE
<b>NEW</b> IF5139	<b>Calprotectin</b>	Inflammatory bowel disease	<50.0 µg/g	Fecal specimen	10.0-600.0 µg/g	100 µL	15 min	CE
IF5044	<b>SAA</b>	Bacterial/Virus infection	10.0 mg/L	S/P/WB Fingertip blood	5.0-200.0 mg/L	10 µL	5 min	NMPA CE
IF5088	<b>IL-6</b>	Acute inflammation	Refer to user manual	S/P/WB Peripheral blood	1.5-4000.0 pg/mL	40 µL	15 min	NMPA CE
IF5015	<b>PCT/CRP</b>	Sepsis, bacterial infection	PCT: 0.10 ng/mL CRP: 3.0 mg/L	S/P/WB	0.10-50.00 ng/mL 0.5-200.0 mg/L	20 µL	15 min	NMPA CE
IF5090	<b>SAA/CRP</b>	Sepsis, bacterial/virus infection	SAA: 10.0 mg/L CRP: 10.0 mg/L	S/P/WB Peripheral blood	5.0-200.0 mg/L 0.5-200.0 mg/L	10 µL	5 min	NMPA CE
<b>Renal Function</b>								
IF5008	<b>CysC</b>	Renal diseases	0.51-1.09 mg/L	S/P/WB	0.50-10.00 mg/L	10 µL	3 min	NMPA CE
IF5009	<b>mAlb</b>	Diabetic nephropathy	20.0 mg/L	Urine	10.0-200.0 mg/L	100 µL	3 min	NMPA CE
IF5011	<b>β<sub>2</sub>-MG</b>	Kidney diseases/tumours	0.80-3.00 mg/L	S/P/WB	0.50-20.00 mg/L	10 µL	3 min	NMPA CE
IF5010	<b>NGAL</b>	Acute kidney injury	Serum: 200.0 ng/mL Urine: 100.0 ng/mL	S/Urine	50.0-5000.0 ng/mL	10 µL	10 min	NMPA CE

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<b>Fertility</b>								
IF5013	<b>HCG+β</b>	Fertility	5.1 mIU/mL	S/P	5.0-100000.0 mIU/mL	100 μL	10 min	NMPA CE
IF5055	<b>LH</b>	PCOS, infertility evaluation	Refer to User Manual	S/P	0.20-150.00 mIU/mL	100 μL	15 min	NMPA CE
IF5056	<b>FSH</b>	PCOS, infertility evaluation	Refer to User Manual	S/P	0.20-150.00 mIU/mL	100 μL	15 min	NMPA CE
IF5066	<b>AMH</b>	Fertility, PCOS, gonadal function	Refer to User Manual	S/P	0.10-20.00 ng/mL	100 μL	15 min	NMPA CE
IF5048	<b>PRL</b>	Infertility	Refer to User Manual	S/P	0.50-200.00 ng/mL	100 μL	15 min	NMPA CE
IF5071	<b>Prog</b>	Infertility	Refer to User Manual	S/P	0.10-40.00 ng/mL	100 μL	15 min	NMPA CE
IF5138	<b>Estradiol</b>	Ovarian function	Refer to User Manual	S/P	40.0-4800.0 pg/mL	100 μL	15 min	CE
IF5073	<b>Testosterone</b>	Female PCOS	Male: 1.75-7.81 ng/mL Female: 0.10-0.75 ng/mL	S/P	0.10-16.00 ng/mL	100 μL	15 min	CE
<b>Tumor Markers</b>								
IF5053	<b>tPSA</b>	Prostate cancer	4.00 ng/mL	S/P	0.40-100.00 ng/mL	100 μL	15 min	NMPA
IF5072	<b>fPSA</b>	Prostate cancer	1.00 ng/mL	S/P	0.03-30.00 ng/mL	100 μL	10 min	NMPA
IF5050	<b>AFP</b>	Liver cancer, etc.	7.0 ng/mL	S/P	2.0-500.0 ng/mL	100 μL	15 min	NMPA CE
IF5051	<b>CEA</b>	Malignant tumour screening	4.7 ng/mL	S/P	2.0-500.0 ng/mL	100 μL	15 min	NMPA CE
IF5079	<b>CA125</b>	Ovarian cancer	35.0 U/mL	S/P/WB	2-500.0 U/mL	100 μL	15 min	CE
IF5080	<b>CA19-9</b>	Pancreatic cancer	27.0 U/mL	S/P/WB	2-1000.0 U/mL	100 μL	15 min	CE
IF5081	<b>CA15-3</b>	Breast cancer	26.2 U/mL	S/P/WB	1.5-300.0 U/mL	100 μL	10 min	CE
IF5052	<b>PG I /PG II</b>	Atrophic gastritis	PG I < 70.0 ng/mL PG I/PG II < 3.0 ng/mL	S/P	PG I: 1.0-200.0 ng/mL PG II: 1.0-100.0 ng/mL	100 μL	15 min	NMPA CE
<b>Infectious Disease</b>								
IF5057	<b>Anti-HCV</b>	Hepatitis C	1.00 S/CO	S/P	1.00-20.00 S/CO	100 μL	15 min	
IF5058	<b>Anti-TP</b>	Syphilis	1.00 S/CO	S/P	1.00-50.00 S/CO	100 μL	15 min	CE
IF5059	<b>Anti-HIV</b>	AIDS	1.00 S/CO	S/P	1.00-1000.00 S/CO	100 μL	15 min	
IF5064	<b>HBsAg</b>	Hepatitis B	1.00 IU/mL	S/P	1.00-100.00 IU/mL	100 μL	15 min	
IF5063	<b>Anti-HBs</b>	Hepatitis B	10.00 mIU/mL	S/P/WB	10.00-1000.00 mIU/mL	100 μL	15 min	
IF5091	<b>SARS-CoV-2 Antigen</b>	COVID-19	1.00 COI	Nasal swab	1.0-200.0 ng/mL	100 μL	15 min	CE
IF5047	<b>H. pylori Antigen</b>	H. pylori infection	5.0 ng/mL	Stool	1.0-200.0 ng/mL	10-50 mg	10 min	CE
IF5086	<b>Influenza A/B</b>	Respiratory viral infection	1.00 COI	Nasal swab	1.00-50.00 S/CO	100 μL	15 min	CE
IF5136	<b>Dengue NS1 Ag</b>	Dengue virus infection	1.00 S/CO	S/P/WB	1.00-50.00 S/CO	100 μL	15 min	CE
IF5137	<b>Dengue IgG/IgM Antibody</b>	Dengue fever	COI<1.00	S/P/WB	10-50 mg	15 min	CE	
IF5140	<b>H. Pylori Antibody</b>	Functional dyspepsia	COI<1.0, S/CO	S/P/WB	100 μL	15 min	CE	
IF5085	<b>RSV/Influenza A/B</b>	Flu, LRTI	COI<1.00	Human nasal swab sample	100 μL	15 min	CE	
<b>Specific Protein and Rheumatism</b>								
IF5075	<b>RF</b>	Rheumatoid arthritis	15.9 IU/mL	S/P/WB	10.0-640.0 IU/mL	10 μL	10 min	NMPA CE
IF5076	<b>ASO</b>	Rheumatoid arthritis	408.0 IU/mL	S/P/WB	60.0-1370.0 IU/mL	10 μL	10 min	NMPA CE
IF5029	<b>Anti-CCP</b>	Rheumatoid arthritis	25.0 U/mL	S/P/WB	10.0-400.0 U/mL	10 μL	15 min	CE
<b>Metabolic Marker</b>								
IF5112	<b>Osteocalcin</b>	Osteoporosis	Male: 14-70 ng/mL Female: 11-48 ng/mL	S/P	1.5-300.0 ng/mL	100 μL	15 min	CE
<b>Others</b>								
IF5110	<b>Cortisol</b>	Adrenal cortex function	Refer to User Manual	S/P	11-1655 nmol/L	100 μL	15 min	CE
IF5069	<b>Total IgE</b>	Allergic disorders	Refer to User Manual	S/P/WB	1.00-2000.00 IU/mL	100 μL	15 min	CE
NEW IF5042	<b>FOB</b>	PUD	50 ng/mL	Fecal	25-1000 ng/mL	10-50 mg	10 min	CE
IF5077	<b>Ferritin</b>	Anemia/tumors	Male: 30.00-400.00 ng/mL Female: 13.00-150.00 ng/mL	S/P	0.50-1000.00 ng/mL	10 μL	15 min	NMPA CE

