

Automated Fully Enclosed qPCR Instrument

Galaxy Nano

Core Technology



7 colors Fluorescence channel



Extraction, Purification, Amplification and Results Analysis integrated in one system



User Friendly Software



1 sample per run



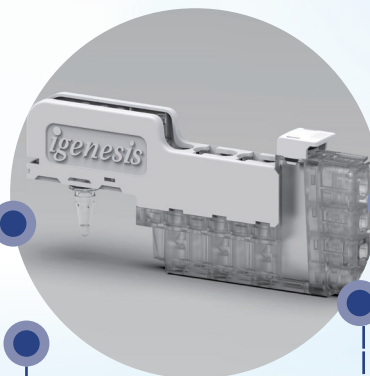
Galaxy Nano

Ready to use

Pre-loaded reagent
Automated lyophilization technology

Fully Enclosed

Contamination free, Biosafety guaranteed
No PCR lab required



iCassette

Open System

Compatible with third-party PCR kits for more customized possibilities

Compatibility

Extract nucleic acids from complex biological samples

Workflow



Add sample to the iCassette



Load iCassette to the instrument



Results report automatically

Specifications

Heat ramping	≥2.5 °C/s
Fluorescent linear	R≥0.99
Precision	CV≤3%
Size	175*285*435mm

Channel No.	1	2	3	4	5	6	7
Excitation Filter	460nm	525nm	543nm	571nm	624nm	675nm	350nm
Emission Filter	525nm	564nm	584nm	624nm	675nm	710nm	460nm
Suitable Dyes	FAM	HEX	TAMRA	ROX/TEXAS RED	CY5	CY5.5	AMCA
Light Source	white LED						UV LED

Ordering

Classification	Cat.No	Product Name	Packaging	Remark
Instrument	101-0022-02	Automated Fully Enclosed qPCR Instrument--Galaxy Nano	1 Unit	1 test sample throughput
	101-0029-01	Ultrasoner --Galaxy USL	1 Unit	/
Universal Kit	106-0051-01	Nucleic Acid Extraction and Purification Kit (One in One)	12 Test/kit	Up to 18-plexes Detection
Respiratory Infectious Diseases	106-0050-01	SARS-2-CoV(Covid-19) nucleic acid detection cartridge	12 Test/kit	2-plexes Detection
	106-0057-01	SARS-2-CoV(Covid-19)/Influenza A Virus / Influenza B Virus/ Respiratory Syncytial Virus Diagnostic Kit	12 Test/kit	5-plexes Detection
	106-0056-01	Diagnostic Kit for Mycobacterium Tuberculosis (MTB) complex DNA and Rifampicin resistance Mycobacterium tuberculosis	12 Test/kit	6-plexes Detection
	106-0052-01	Influenza A Virus / Influenza B Virus/ Respiratory Syncytial Virus Diagnostic Kit	12 Test/kit	3-plexes Detection
	106-0069-01	Mycoplasma Pneumoniae / Adenovirus / Rhinovirus / Human Metapneumovirus Diagnostic Kit	12 Test/kit	4-plexes Detection
	106-0055-01	Streptococcus Pneumoniae/ Klebsiella Pneumoniae/ Legionella Pneumophila/ Haemophilus influenzae/ Bordetella Pertussis Diagnostic Kit	12 Test/kit	5-plexes Detection
Carbapenem Resistance	106-0102-01	Carba-R Diagnostic Kit	12 Test/kit	5-plexes Detection
Intestinal Infectious Diseases Resistance	106-0054-01	Coxsackievirus A6/A10/A16/Enterovirus 71 RNA Diagnostic Kit	12 Test/kit	4-plexes Detection
	106-0053-01	Coxsackievirus A16/Enterovirus 71/Enterovirus RNA Diagnostic Kit	12 Test/kit	3-plexes Detection
Sexual Infectious Diseases	106-0137-01	Chlamydia trachomatis/Niesseria gonorrhoeae/ Ureaplasma urealyticum Diagnostic Kit (RUO)	12 Test/kit	3-plexes Detection
	106-0064-01	Nucleic acid detection kit for 16&18 human papillomavirus (HPV) genotypes	12 Test/kit	2-plexes Detection
	106-0066-01	Diagnostic Kit for detecting of 16 high-risk and genotyping of 16&18 human papillomavirus (HPV)	12 Test/kit	5-plexes Detection