

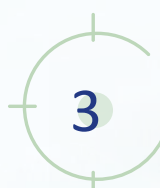
Automated Fully Enclosed qPCR Instrument

Galaxy Nano

Core Technology



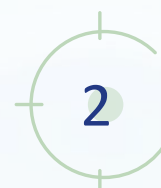
7 colors Fluorescence channel



User Friendly Software



Galaxy Nano



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



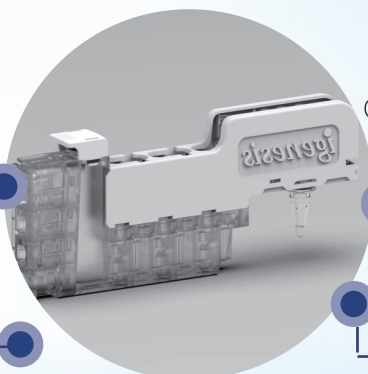
1 sample per run

Ready to use

Pre-loaded reagent
Automated lyophilization technology

Fully Enclosed

Contamination free, Biosafety guaranteed
No PCR lab required



Open System

Compatible with third-party PCR kits for
more customized possibilities

Compatibility

Extract nucleic acids from
complex biological samples

iCassette

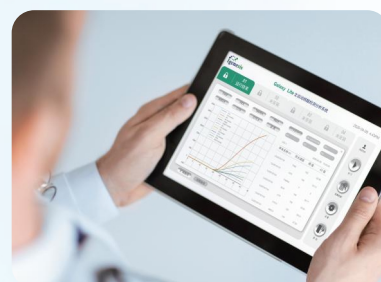
Workflow



Add sample to the iCassette



load iCassette to the instrument



Result report automatically

Specifications

Heat ramping	$\geq 2.5^{\circ}\text{C/s}$
Fluorescent linear	$R \geq 0.99$
Precision	$\text{CV} \leq 3\%$
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	Multiplex Detection
Instrument	101-0022-02	Automated Fully Enclosed qPCR Instrument (Galaxy Nano)	1 unit	1 sample throughput
	101-0058-01	Ultrasoner (Galaxy USL III)	1 unit	6 sample throughputs
Universal kit	106-0051-01	Nucleic Acid Extraction and Purification Kit (One in one)	12 tests/kit	up to 18-plexes
Respiratory Infectious Diseases	106-0057-01	SARS-2-CoV (Covid-19)/ Influenza A Virus/ Influenza B Virus/ Respiratory Syncytial Virus Diagnostic Kit	12 tests/kit	5-plexes
	106-0052-01	Influenza A Virus/ Influenza B Virus/ Respiratory Syncytial Virus Diagnostic Kit	12 tests/kit	3-plexes
	106-0056-01	Diagnostic Kit for Mycobacterium Tuberculosis(MTB) complex DNA and Rifampicin resistance Mycobacterium tuberculosis	12 tests/kit	6-plexes
	106-0069-01	Mycoplasma Pneumoniae/ Adenovirus/ Rhinovirus/ Human Metapneumovirus Diagnostic Kit	12 tests/kit	4-plexes
	106-0055-01	Streptococcus Pneumoniae/ Klebsiella Pneumoniae/ Legionella Pneumophila/ Haemophilus influenzae/ Bordetella Pertussis Diagnostic Kit	12 tests/kit	5-plexes
Hospital Acquired Infection (HAI)	106-0102-01	Carbapenem Resistance Diagnostic Kit	12 tests/kit	5-plexes
Intestinal Infectious Diseases	106-0054-01	Coxsackievirus A6/ A10/ A16/ Enterovirus 71 RNA Diagnostic Kit	12 tests/kit	4-plexes
	106-0053-01	Coxsackievirus A16/ Enterovirus 71/ Enterovirus RNA Diagnostic Kit	12 tests/kit	3-plexes
STIs (Sexually Transmitted Infections)	106-0137-01	Chlamydia trachomatis/ Neisseria gonorrhoeae/ Ureaplasma urealyticum Diagnostic Kit (RUO)	12 tests/kit	3-plexes
	106-0064-01	Nucleic acid detection kit for 16&18 human papillomavirus(HPV) genotypes	12 tests/kit	2-plexes
	106-0066-01	Diagnostic Kit for detecting of 16 high-risk and genotyping of 16&18 human papillomavirus (HPV)	12 tests/kit	5-plexes



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