

Put sample in
Get gene answer out



AIGS Pets Gene Detection Solution

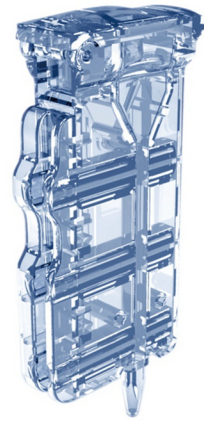
Based on microfluidic technology & Multiplex real-time fluorescence PCR technology

Automatically from sample to report

Integrated nucleic acid extraction & real-time PCR

Gene amplification detection

System include preset kit & integrate instrument



Soonest one hour from sampling to report!



Certified:
TUV ISO 13485

*Preset kit: all in one
No need for professional PCR laboratory*

AIGS Pets Gene Detection

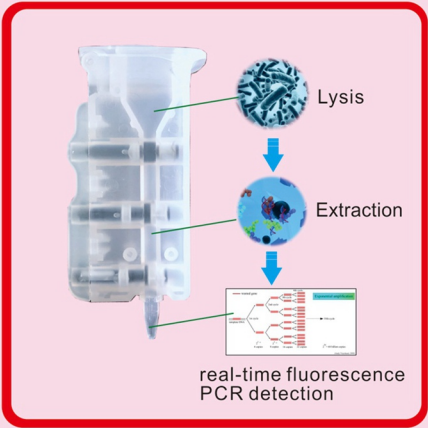
By using LifeReal AIGS detection kit, the operator only needs to add the magnetic beads from the kit and the liquid sample to the cartridge, scan the bar-code to the AIGS instrument, and then load the cartridge to the slot of the machine so to automatically complete the test until it judges the definite result. There is no need to equip the PCR laboratory.

Automatically from sample to report

High sensitivity and accurate result

Easy operation, Microfluidic design

Close system, No contamination



Verified by China Animal Disease Control Center

Fluorescence detection accuracy CV: 2.78% (Chinese industrial standard $\leq 5\%$)

Nr	ample	Nan	Amplicon	tissue	eline	cons	aseline	slo	Plateau	Nq	Cq	Eff	Indiv	N0	indiv
1	A05	FAM	not	named	undefined	3100.219	1.228	6428.260	2.569	27.749	2.256	0.000			
2	B05	FAM	not	named	undefined	3203.420	0.839	6849.998	2.569	27.662	2.184	0.000			
3	D05	FAM	not	named	undefined	3436.551	3.768	7658.246	2.569	27.179	1.919	0.000			
4	D07	FAM	not	named	undefined	3557.834	2.216	5500.596	2.569	26.393	1.960	0.000			
5	E05	FAM	not	named	undefined	3374.318	1.622	7400.482	2.569	27.286	1.833	0.000			
6	E07	FAM	not	named	undefined	3603.523	5.708	5431.943	2.569	26.687	1.985	0.000			
7	F05	FAM	not	named	undefined	3228.439	4.195	7628.782	2.569	27.911	2.055	0.000			
8	G05	FAM	not	named	undefined	3264.503	3.921	7903.240	2.569	27.784	2.174	0.000			

AIGS Pets Gene Detection

AIGS

The AIGS controls the magnetic field to drive the nano-magnetic beads in the cartridge to make the nucleic acids specifically combined to the magnetic beads, and sequentially pass through the washing areas, then finally reach the amplification detection area to complete the real-time fluorescent PCR detection. And the test results will be displayed on the screen or forwarded the cloud server through wired or mobile networks simultaneously.

4 independent units carry out detection of different samples.

A fully integrated gene extraction and analysis system

Internet+ data transfer

For sample: Blood, Sputum, Urine and other body fluid.



Add sample & magnetic beads



Scan to run



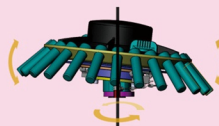
Run



Get report

For sample: Tissue, faeces, others need to be homogenized.

Step1. Pre-installed consumables, handling 24 samples in *one minute*.



Step2: As the sample body fluid.

Patents

The AIGS is covered under china patents, PCT applied and the international patent in applying.