



PACKIT Central

Sample-in-answer-out

Walk-away automated nucleic acid testing platform

PACKIT Central offers a cost effective sample-in-answer-out nucleic acid testing system by integrating magnetic bead-based nucleic acid extraction, robotic arm liquid handling, and insulated isothermal PCR (iiPCR) technologies to offer a fully automated molecular detection platform.

Cost effective

- Minimal hands-on time
- Better workflow management
- Walk-away testing protocols
- STAT-Increasing productivity

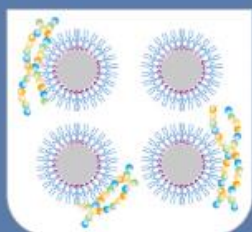
Easy to use

- Minimal dexterity required
- Universal pre-programmed protocols
- User-friendly touch screen
- Preloaded ready-to-use cartridges
- Direct display of test results

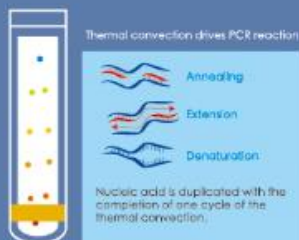
Reliable

- Proven iiPCR technology
- Built-in UV lamp for decontamination
- Precise liquid handling
- Minimal human error and maintenance cost

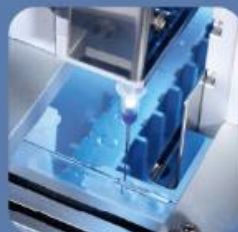
Features



Magnetic bead-based nucleic acid extraction



iiPCR technology with two optical channels



Precise liquid handling



Flexible multi-target testing within a run



Preloaded ready-to-use cartridges



Built-in UV lamp for decontamination



Barcode scanning & printing available

Reaction Overview		Operator: SCOTT	Report No: 201808170853			
Sample ID	Extraction Lot No.	Reagent Lot No.	Target	520	550	
A	TEST 1	0206185	DENV0301185	DENV	+	+
B	TEST 2	0206185	DENV0301185	DENV	-	+
C	TEST 3	0206185	DENV0301185	DENV	?	+
D	TEST 4	0206185	MORCAG037183	Noro	!	
E	TEST 5	0206185	MORCAG037183	Noro	-	
F	TEST 6	0206185	CDFA0307183	C.dff	-	
G	TEST 7	0206185	CDFA0307183	C.dff	-	
H	TEST 8	0206185	CDFA0307183	C.dff	+	+

Direct results display

Detection Targets

Coldwater Fish Detection Targets:

- Amoebic Gill Disease
- Branchiomonas Cysticola
- Cardiomyopathy Syndrome
- Desmozoon
- Heart and Skeletal Muscle Inflammation
- Infectious Pancreatic Necrosis Virus
- Infectious Salmon Anemia Virus
- Pancreas Disease
- Piscine Reovirus
- Salmonid Alphavirus
- Sea Lice
- Viral Hemorrhagic Septicemia Virus

Other Fish Detection Targets:

- IRIDO-Megalocytivirus
- IRIDO-Ranaviruses
- *Streptococcus iniae*
- CEV • KHV • SVCV • TiLV • VNN

Shrimp Detection Targets:

- AHPND/EMS Plasmid
- AHPND/EMS Toxin 1
- *Baculovirus penaei*
- *Vibrio harveyi*
- CMNV • EHP • IHNNV • IMNV
- MrNV • NHPB • PvNV • SHIV
- TSV • WSSV • YHV

Specifications

Dimensions (W x D x H) 31 x 48 x 40 cm

Weight Approx. 21 kg

Throughput 1 - 8 samples

Reaction Time 85 minutes

Detection Wavelength 520 nm & 550 nm

Monitor LCD touch control panel

Data Storage 8 Gb of internal storage

Power Supply 100 - 120/ 200 - 240 V AC, 50/60 Hz, 2A

USB Port 3 type-A ports (front 1, rear 2)

Headquarter

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