

# **PACKIT** **combo**

[www.genereach.com](http://www.genereach.com)

## **Smart PCR for Point-of-Need Detection**

An entire PCR lab is built within the compact body to take on any nucleic acid detection tasks anytime, anywhere.



### **ACCURATE**

Sensitivity and specificity equivalent to real-time PCR.

### **FAST**

From sampling to result within 1.5 hours.

### **EASY**

One touch operation without programming.

### **DEPLOYABLE**

Compact design for easy transportation.

# POCKIT **combo**



## taco<sup>mini</sup>

### Automatic Nucleic Acid Extraction System

- DNA/RNA extraction system.
- Based on magnetic separation technology.
- One touch operation.
- LED status display.
- Throughput: 8 samples/run.
- Nucleic acid ready within 30 minutes.



## POCKIT Nucleic Acid Analyzer

- Based on insulated isothermal PCR (iiPCR) technology.
- Dual channel fluorescence detection.
- Single program to finish RT-PCR within 1 hour.
- Touch panel control.
- Automatic data interpretation.
- Throughput: 1 to 8 samples/run.
- Lyophilized uni-dose reagent format with long shelf life.



## cubee. Mini-Centrifuge

- Unique 4-in-1 rotor for 0.2-2.0 ml tubes, including the R-tubes.

## Specification

### POCKIT™ **combo**

(Dimensions of suitcase:  
62.9 cm x 49.7 cm x 35.3 cm, 20 kg)

- 1 POCKIT™ Nucleic Acid Analyzer  
(28 cm x 25 cm x 8.5 cm, 2.1 kg)
- 1 taco™ mini Automatic Nucleic Acid Extraction System  
(30 cm x 26.5 cm x 26 cm, 5.5 kg)
- 1 cubee™ Mini-Centrifuge  
(15 cm x 15 cm x 13.5 cm, 1.8 kg)
- 2 Pipettes included (p1000 & p50)

### GeneReach Biotechnology Corp.

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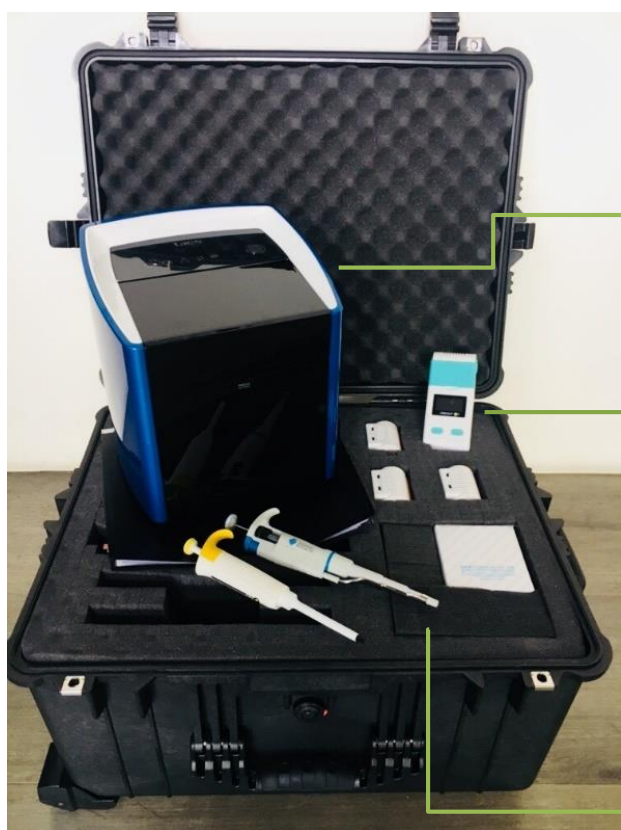
# **POCKIT** Micro combo

**A fast, portable and point-of-need PCR detection system for the detection of pathogens anytime and anywhere.**

**Easily deployable for emerging infectious diseases.**

## **Features**

- Accurate - sensitivity and specificity equivalent to real-time PCR.
- Fast - from sampling to result within 1.5 hours.
- Easy - one touch operation without manual programming.
- Deployable - compact design for easy transportation.



**taco** mini

Automatic Nucleic Acid Extraction System



- DNA/RNA extraction system in < 30 minutes.
- Throughput: 1 to 8 samples.
- Based on magnetic separation technology.
- LED status display.

**POCKIT** 

Micro Plus Nucleic Acid Analyzer



- PCR/RT-PCR results in < 45 minutes.
- Throughput: 1 to 4 samples.
- Based on insulated isothermal PCR (iiPCR) technology.
- Automatic data interpretation.
- Results directly displayed on screen.
- Built-in rechargeable batteries for > 5 runs.



**Test results**  
Positive/Negative



**Pipettes**

## **Contents**

**POCKIT** Micro combo  
(Dimensions of suitcase:  
62.9 cm x 49.7 cm x 35.3 cm)

- 1 x **taco** mini Automatic Nucleic Acid Extraction System device  
(30 × 26.5 × 26 cm, 5.5 kg)
- 4 x **POCKIT** Micro Plus Nucleic Acid Analyzer devices  
(15.2 × 6.3 × 5 cm, 380 g)
- 2 x pipettes (p1000 & p50)

**GeneReach**

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POCKITMCP-201903D

GeneReach Biotechnology Corp.

	Aquaculture		Companion animal		Livestock					Food		Biothreat	Human Diseases
	Shrimp	Fish	Canine	Feline	Equine	Bovine	Poultry	Swine	Ruminant	Microorganism	GMO & food adulteration	Biothreat	Human Diseases
	AHPND/EMS Plasmid	Carp Edema Virus (CEV)	<i>Anaplasma platys</i>	<i>Bordetella bronchiseptica</i>	<i>Anaplasma phagocytophilum</i>	Bovine Leukemia Virus	ALV-J	<i>Actinobacillus Pleuropneumonia</i>	Bluetongue Virus	<i>Cronobacter</i> spp.	GMO-CaMV 35S	<i>Bacillus anthracis</i> PL3	<i>C. difficile</i>
AHPND/EMS Toxin 1	<i>Flavobacterium psychrophilum</i>	<i>Babesia gibsoni</i>	<i>Candidatus Mycoplasma haemominutum</i>	EAV	Bovine Tuberculosis	Avian Influenza H9	Africa Swine Fever Virus	<i>Brucella abortus</i>	<i>Escherichia coli</i> (O157)	GMO-NOS	<i>Bacillus anthracis</i> pXO1	Chagas Disease	
<i>Baculovirus penaei</i>	IRIDO-Megalocytivirus	<i>Bordetella bronchiseptica</i>	<i>Candidatus Mycoplasma turicensis</i>	EHV-1	<i>Brucella abortus</i>	Avian Reovirus (Asia & America regions only)	<i>Brachyspira hyodysenteriae</i>	<i>Brucella melitensis</i>	<i>Listeria monocytogenes</i>	GMO-RRS	<i>Bacillus anthracis</i> pXO2	Chikungunya virus	
CMNV	IRIDO-Ranaviruses	Canine Adeno Virus 2	<i>Chlamydophila felis</i>	EHV-3	<i>Brucella</i> spp.	Chicken infectious anemia virus	<i>Chlamydia psittaci</i>	<i>Brucella</i> spp.	<i>Salmonella</i> spp.	Meat Ingredient	<i>Brucella abortus</i>	<i>Chlamydia psittaci</i>	
EHP	ISAV	Canine Babesia	<i>Cytauxzoon felis</i>	EHV-4	BVDV-1	Infectious bronchitis virus	CSFV	FMDV	<i>Staphylococcus aureus</i>	Porcine Ingredient	<i>Brucella melitensis</i>	Dengue Virus (universal)	
IHHNV	KHV	Canine Influenza Virus	FCoV	EIAV	BVDV-2	Infectious Bursal Disease Virus	FMDV	PPRV	<i>Streptococcus agalactiae</i>		<i>Brucella</i> spp.	Filariasis ( <i>Brugia</i> spp.)	
IMNV	<i>Streptococcus iniae</i>	Canine Leishmaniasis	FCV	Influenza H3N8	<i>Campylobacter fetus</i>	Infectious Laryngotracheitis	JEV	Q Fever			Chagas disease	Filariasis ( <i>Wuchereria bancrofti</i> )	
MrNV	SVCV	CDV	Feline Parvovirus	<i>Leptospira lipL32</i>	Rotavirus	Influenza A	<i>Lawsonia intracellularis</i>	Infectious Bovine Rhinotracheitis			FV3 Rana Virus	JEV	
NHPB	Tilapia Lake Virus (TiLV)	CHV	FeLV	Rotavirus	<i>Trichostrongylus axei</i>	Influenza H5 (Asian Lineage)	<i>Mycoplasma hyopneumoniae</i>				MERS-CoV	Leishmaniasis	
PvNV	VHSV	CPIV	FHV	<i>Salmonella</i> spp.	Q Fever	Influenza H5 (American Lineage)	<i>Mycoplasma suis</i>				Mink enteritis virus	Leptospirosis	
SHIV	VNN	CRCoV	FIV	<i>Streptococcus equi</i>	Infectious Bovine Rhinotracheitis	Influenza H7	PCV2				<i>Nosema ceranae</i>	MERS-CoV	
TSV		<i>Ehrlichia canis</i>	Leptospirosis	<i>Taylorella equigenitalis</i> (CEM)		Influenza HP-H7 with insertion	PDCoV				<i>Paenibacillus larvae</i>	<i>Mycoplasma pneumoniae</i>	
<i>Vibrio harveyi</i>		Influenza H3N8	<i>Mycoplasma felis</i>			Influenza N9	PEDV				<i>R. communis</i> (Ricin)	Norovirus GI/GII	
WSSV		Leptospirosis	<i>Mycoplasma haemofelis</i>			Marek's Disease	Porcine parvovirus				Rift Valley Fever Virus	Q Fever	
YHV		<i>Neospora caninum</i>	<i>Toxoplasma gondii</i>			<i>Mycoplasma gallisepticum</i>	PRRSV-NA				<i>Salmonella</i> spp.	Yellow Fever Virus	
		Parvovirus				<i>Mycoplasma synoviae</i>	PRRSV NADC30-like					Zaire Ebolavirus	
		Parvovirus (wild type)				NDV-class 1	PRRSV-CN					Zika Virus	
						NDV-class 2	PRRSV-EU						
						NDV-LaSota	Pseudorabies Virus -gB gene						
						<i>Salmonella</i> spp.	Pseudorabies Virus -gE gene						
							SVA						
							Swine Influenza Virus (Type A)						
Under development	MBV		Canine coronavirus			Bovine stomatitis virus	Avian Eimeria Species						
						Lumpy skin disease	Avian metapneumovirus						
							Avian adenovirus H7 (HPAI)						
							H7 (LPAI)						