



croBEE™ NA16 Nucleic Acid Extraction System Plus



The croBEE NA16 Nucleic Acid Extraction System Plus (croBEE NA16 Plus) is a compact, fully automated system for nucleic acid extraction across a wide range of biological materials. This includes the ability to support both DNA and RNA extraction. The croBEE NA16 Plus can simultaneously extract DNA and RNA from up to 16 samples. Disposable cartridges contain all necessary reagents for ease of use.

Features and Benefits

- Leverages standardization for highly reproducible yields of nucleic acids
- Utilizes automation to minimize errors caused by manual manipulation
- Minimizes cross-contamination effect through improved design
- Allows for LIS connectivity and includes a barcode scanner to simplify workflows
- Supports a wide variety of specimens including whole blood, plasma, serum, swab, saliva, sputum, aspirate, BAL, CSF, urine, sperm and tick

Specifications	
Extraction Principle	Fully Automated Magnetic Separation
Reagent Application Method	Disposable Reagent Cartridge
Sample Volume	200 µl / 400 µl
Elution Volume	60 µl / 100 µl / 150 µl / 200 µl
Capacity	1–16 Samples/Extraction Process
Processing Time	30-90 Minutes
Nucleic Acid Purity	DNA: OD A260/280 ratio 1.8 ± 0.1 RNA: OD A260/280 ratio 2.0 ± 0.2
Heating Block Temperature Range	RT – 90 °C
Computer	Integrated PC
User Interface and Control	7-inch Color Touch Screen
Decontamination	Built-in UV Lamp
Dimensions (external)	W 710 mm x D 800 mm x H 800 mm
Weight	70 kg
Power Supply	100–240 V, 50/60 Hz, 1 kW
Device Type	Stand-alone Device
Regulatory Status	IVDR CE IVD for <i>in vitro</i> Diagnostic Use

Trust GeneProof for targeted molecular diagnostic solutions.

Questions? Contact sales@geneproof.com



			25 Reactions	100 Reactions	
	Bloodborne Infections				
	GeneProof Hepatitis B Virus (HBV) PCR Kit	•	HBV/ISEX/025	HBV/ISEX/100	
	GeneProof Hepatitis C Virus (HCV) Diagnostic PCR Kit	•	HCVD/ISEX/025	HCVD/ISEX/100	
	GeneProof HIV type 1 (HIV-1) Diagnostic PCR Kit	•	HIV1D/GP/025	HIV1D/GP/100	
	Immunocompromised / Transplant				
	GeneProof Cytomegalovirus (CMV) PCR Kit	•	•	CMV/GP/025	CMV/GP/100
	GeneProof Epstein-Barr Virus (EBV) PCR Kit	•	•	EBV/GP/025	EBV/GP/100
	GeneProof BK/JC Virus (BK/JC) PCR Kit	•		BKJC/ISEX/025	BKJC/ISEX/100
	GeneProof BK Virus (BKV) PCR Kit	•	•	BKV/GP/025	BKV/GP/100
	GeneProof JC Virus (JCV) PCR Kit	•	•	JCV/GP/025	JCV/GP/100
	GeneProof Adenovirus PCR Kit	•		ADV/ISEX/025	ADV/ISEX/100
	GeneProof Aspergillus PCR Kit			ASP/ISEX/025	ASP/ISEX/100
	GeneProof Herpes Simplex Virus (HSV-1/2) PCR Kit	•	•	HSV/GP/025	HSV/GP/100
	GeneProof Human Herpesvirus 6/7 (HHV-6/7) PCR Kit	•	•	HHV/GP/025	HHV/GP/100
	GeneProof Human Herpesvirus 8 (HHV-8) PCR Kit	•	•	HHV8/GP/025	HHV8/GP/100
GeneProof Parvovirus B19 PCR Kit	•		B19/ISEX/025	B19/ISEX/100	
GeneProof Varicella-Zoster Virus (VZV) PCR Kit	•	•	VZV/GP/025	VZV/GP/100	
	Sexually Transmitted Infections				
	GeneProof Chlamydia trachomatis PCR Kit		•	CT/GP/025	CT/GP/100
	GeneProof Neisseria gonorrhoeae PCR Kit		•	NG/GP/025	NG/GP/100
	GeneProof CT/NG/MG Multiplex PCR Kit		•	CNMX/GP/025	CNMX/GP/100
	GeneProof MH/UU/UP Multiplex PCR Kit		•	MUPX/GP/025	MUPX/GP/100
	GeneProof Mycoplasma genitalium/hominis PCR Kit		•	MGH/GP/025	MGH/GP/100
	GeneProof Ureaplasma PCR Kit			UUP/ISEX/025	UUP/ISEX/100
	GeneProof Herpes Simplex Virus (HSV-1/2) PCR Kit	•	•	HSV/GP/025	HSV/GP/100
	GeneProof Trichomonas vaginalis PCR Kit		•	TV/GP/025	TV/GP/100
	GeneProof Treponema pallidum PCR Kit			TP/GP/025	TP/GP/100
	GeneProof Gardnerella vaginalis PCR Kit			GV/GP/025	GV/GP/100
	GeneProof Human Papillomavirus (HPV) Screening PCR Kit			HPVS/GP/025	HPVS/GP/100
	Neuroinfections				
	GeneProof Borrelia PCR Kit			BOR/GP/025	BOR/GP/100
	GeneProof Enterovirus PCR Kit			EV/ISEX/025	EV/ISEX/100
	GeneProof BK/JC Virus (BK/JC) PCR Kit	•		BKJC/ISEX/025	BKJC/ISEX/100
	GeneProof Herpes Simplex Virus (HSV-1/2) PCR Kit	•	•	HSV/GP/025	HSV/GP/100
	GeneProof JC Virus (JCV) PCR Kit	•	•	JCV/GP/025	JCV/GP/100
GeneProof Varicella-Zoster Virus (VZV) PCR Kit	•	•	VZV/GP/025	VZV/GP/100	
	Antibiotic Resistance				
	GeneProof VRE PCR Kit			VRE/ISEX/025	VRE/ISEX/100
	Respiratory Infections				
	GeneProof Enterovirus PCR Kit	•		EV/ISEX/025	EV/ISEX/100
	GeneProof Adenovirus PCR Kit	•		ADV/ISEX/025	ADV/ISEX/100
	GeneProof Aspergillus PCR Kit			ASP/ISEX/025	ASP/ISEX/100
	GeneProof Bordetella pertussis/parapertussis PCR Kit			BP/ISEX/025	BP/ISEX/100
	GeneProof Chlamydia pneumoniae PCR Kit		•	CP/GP/025	CP/GP/100
	GeneProof Legionella pneumophila PCR Kit			LP/ISEX/025	LP/ISEX/100
	GeneProof Mycoplasma pneumoniae PCR Kit			MP/ISEX/025	MP/ISEX/100
	GeneProof Mycobacterium tuberculosis PCR Kit			MT/ISEX/025	MT/ISEX/100
	GeneProof SARS-CoV-2 Advanced PCR Kit			COV2A/GP/025	COV2A/GP/100
	GeneProof Flu Multiplex PCR Kit			FLU/GP/025	FLU/GP/100
	Thrombotic Mutations				
	GeneProof Factor II Prothrombin PCR Kit		•	FII/025	FII/100
	GeneProof Factor V Leiden PCR Kit		•	FV/025	FV/100
	GeneProof Factor XIII V34L PCR Kit		•	FXIII/025	FXIII/100
	GeneProof MTHFR C677T PCR Kit		•	M677/025	M677/100
	GeneProof MTHFR A1298C PCR Kit		•	M1298/025	M1298/100
	GeneProof PAI-1 Genotyping PCR Kit		•	PAI1/025	PAI1/100

• IVDR EU certification coming soon

 All GeneProof Kits are available as CE IVD Certified.