



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)	523x602x605 mm (WxDxH)
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

*The parameter depends on the extraction process used.

Trust GeneProof for targeted molecular diagnostic solutions.

Questions? Contact sales@geneproof.com



GeneProof PCR Kits	Quantitative	IVDR	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.**