

EasyNAT[®]

The EasyNAT[®] system delivers unmatched diagnostic results at the point of care with remarkable speed, precision, and versatility.



Empowering Health with Innovation



EasyNAT®

The EasyNAT® system is based on three-stage magnetic conductivity extraction technology and Cross Priming Amplification Tehchnology (CPA). It is used together with the matching test kit for in-vitro diagnosis of pathogen nucleic acid sequences.



4-MODULES
UC0204



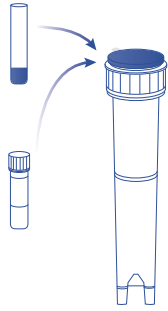
16-MODULES
UC0216



8-MODULES
UC0208

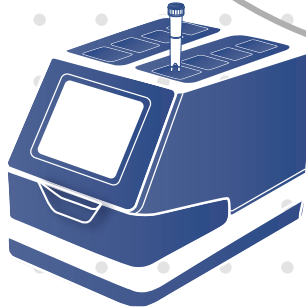
- Nucleic acid **amplification and detection**
- Three-stage **magnetic conductivity extraction**
- **Cross Priming Amplification (CPA)**
- **Fast result**
- **≤ 2 minutes Hands-on time**
- **10.4-inch** HD display
- Large **internal memory: up to 200,000 records**
- **LIS connectivity**
- **Patented closed cartridge design**
- **No cross-contamination**

1



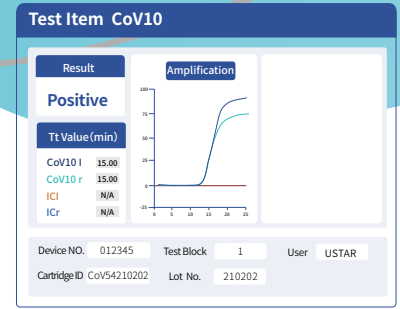
Load Sample

2



Insert Cartridge

3



Report Result



➔ **Cell lysis, nucleic acid binding magnetic bead**

➔ **Magnetic beads-nucleic acid cleaning area**

➔ **Nucleic acid elution area, PCR amplification and detection area**

Technical Parameters

Dimension cm (W x D x H) - Weight	UC0204: 30 x 47 x 39 - 15 Kg UC0208: 30 x 47 x 39 - 20.5 Kg UC0204: 57 x 27 x 39 - 38 Kg	Repeatability of Fluorescence Intensity Test	CV ≤3%
Controllable temperature range	40~95°C	Accuracy of fluorescent intensity test	CV <5%
Melting heating rate	0.1~1°C/s	Fluorescence Detection Time	≤5s
Heating Rate	Upper zone ≥0.8 °C/s Middle zone ≥0.5 °C/s Lower zone ≥0.5 °C/s	Signal Interface	USB
Module temperature fluctuation	≤0.5°C	Print Interface	External USB thermal printer
Precision of temperature control	≤0.5°C	Operation System	FreeRTOS
Excitation Wavelength	CH1: 470nm, CH2: 628nm	Screen	10.4 inches
Detection Wavelength	CH1: 525nm, CH2: 692nm	Network	NB-IOT
		Information Management System	LIS
		Storage	200,000 records



EasyNAT®

PRODUCT	CODE	PKG	CERT
EasyNAT® Amplification and Detection Analyzers			
4-module configuration	08-UC0204	1 unit	CE-IVDR
8-module configuration	08-UC0208	1 unit	CE-IVDR
16-module configuration	08-UC0216	1 unit	CE-IVDR
Respiratory infections kits			
EasyNAT® SARS-CoV-2 Assay	US-U20223	20 tests	CE-IVDD
EasyNAT® Influenza A/B Assay	US-U20206	20 tests	CE-IVDR
EasyNAT® RSV Assay	US-U20208	20 tests	CE-IVDR
EasyNAT® MP Assay	US-U20201	20 tests	CE-IVDR
EasyNAT® BP Assay	US-U20209	20 tests	CE-IVDD
EasyNAT® BP/DR Assay	US-U202004	20 tests	CE-IVDD
EasyNAT® SP Assay	US-U202005	20 tests	CE-IVDD
EasyNAT® LP Assay	US-U202006	20 tests	CE-IVDD
EasyNAT® Strep A Assay	US-U202062	20 tests	CE-IVDD
Gastrointestinal kits			
EasyNAT® Vibrio Cholerae Assay	US-U218009	20 tests	CE-IVDD
Women's Health, & Sexual Health kits			
EasyNAT® GBS Assay	US-U20311	20 tests	CE-IVDR
EasyNAT® CT/NG Assay	US-U203001	20 tests	CE-IVDR
EasyNAT® MG Assay	US-U20302	20 tests	CE-IVDR
EasyNAT® HSV 1&2 Assay	US-U20304	20 tests	CE-IVDR
EasyNAT® UU Assay	US-U20303	20 tests	CE-IVDR
EasyNAT® UU/MH Assay	US-U203005	20 tests	CE-IVDD
EasyNAT® TV Assay	US-U203009	20 tests	CE-IVDD
EasyNAT® TP Assay	US-U203004	20 tests	CE-IVDD
EasyNAT® B19 Assay	US-U203002	20 tests	CE-IVDD
EasyNAT® HPV 6/11 Assay	US-U203012	20 tests	CE-IVDD
EasyNAT® HPV 16/18 Assay	US-U203011	20 tests	CE-IVDD
TB & Emerging Infectious Diseases kits			
EasyNAT® MTC Assay	US-U20103	20 tests	CE-IVDR
EasyNAT® MTC/NTM Assay	US-U201002	20 tests	CE-IVDD
EasyNAT® Monkeypox Virus Assay	US-U202028	20 tests	CE-IVDD
EasyNAT® Malaria Assay	US-U203010	20 tests	CE-IVDD



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