

Unified extraction platform



NATCH CS

Change from the beginning

Features



One robot doing two robots' job

- 48 samples throughput \leq 100 min. (fast HBV, fast HPV, etc. 96 samples at less than 40 min.)
- minimum 3 batches (48 samples/batch x 3) per day per unit
- save lab space
- high cost-effectiveness



Super optimized workflow

- Room temperature lysis avoiding heating aerosol contamination
- 1 time washing for organic & inorganic together
- No elution of the beads
- \geq 25% consumables saved compared to all robots



Multi-functional and flexible

- optimized system for HBV & HIV, with future extension to HCV genotyping, HIV, etc.
- as many as 14 PCR thermocyclers' validation with Natch S including ABI, Agilent, Biorad, etc.



Ultra-stability

- easy operated system
- low maintenance
- UV disinfection

Specially optimized for Sansure Slan 96P (dual reaction block) PCR thermocycler.



Specification

Sample supported:	Serum, plasma, swab, etc.
Consumable supported:	All size blood tubes, 1.5mL/2.0mL centrifuge tubes,
Extraction Volume:	1mL~3mL
Pipetting volume:	10~1000 μ L
Pipetting tip:	2-channel tip
Extraction methodology:	superparamagnetic beads (MB); one tube (OT)
Throughput:	48 samples/batch (MB); 96 samples/batch (OT)
Magnetic field:	permanent magnetism
Magnetic rack:	elevating magnetic rack
Extraction time:	MB : (48 samples) 120min; OT: (96 samples) 40min
Operating system:	Microsoft Windows XP/Vista/7
Communication:	USB, RS232, LIS
Operating temperature:	15~32 $^{\circ}$ C
Ambient humidity:	30%~80%

Application Field



Laboratory medicine of all size general hospitals
Independent labs
Blood centers

Entry-Exit Inspection and Quarantine Bureau
Disease Control and Prevention Center
Scientific research institution

for more information please visit www.sansure.com.cn



Natch CS is a Sansure self-developed nucleic acid extraction system. Specially designed for Sansure's extraordinary PCR reagent kits, Sansure creates a top-throughput, top-precision and top-efficiency system that allows a complete workflow of sample pretreatment and nucleic acid extraction. Though combining precise micro pipetting, high efficient paramagnets technology and integrated contamination control in one, Natch CS is so easy to operate, its one-button operation can furthest free your hands.

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