



Stream SP96

Automatic Nucleic Acid Extraction Instrument

CHARATERISTICS

Fast: ≈ 60 mins/96 samples

Less Consumables: ≈ 2.1 pipette/sample, single carriage extraction available

Easy Operation: preset common used programs, visual guidance

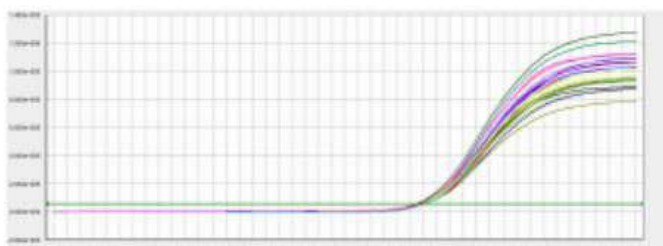
Contamination Protection: HEPA filtrate, UV sterilization

Two Modes Extraction: 2 different extraction programs running simultaneously

PCR Setup: 3*96 tests PCR setup, 9 different PCR systems prepared

PERFORMANCE

PRECISION



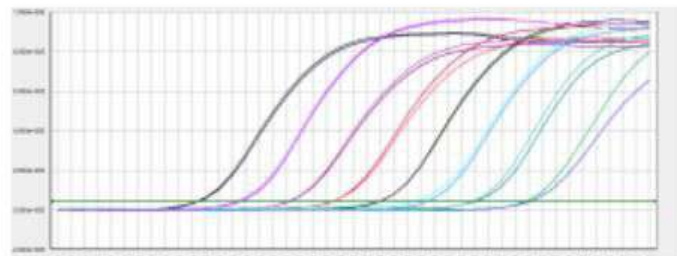
10^3 IU/ml HBV standard control,
extract ≥ 48 tests, qPCR analysis,
CV<1%

SENSITIVITY



10IU/ml HBV standard control,
repeatedly extract 20 tests,
qPCR analysis, 20/20 detected

LINEARITY



10^{-10} IU/ml HBV standard control
extracted, $R^2 > 0.98$

PARAMETERS

Through Put	1-96 samples
Working Modes	Automatic sampling + Nucleic acid extraction + PCR setup
Extraction Modes	In batch, single simultaneously
Sample Volume	20ul-700ul
Liquid Transfer	20ul-100ul, accuracy: $\pm 1\%$, repeatability: $\leq 0.6\%$
	≥ 100 ul, accuracy: $\pm 0.8\%$, repeatability: $\leq 0.5\%$
Liquid Surface Detection	Liquid surface detection and pressure monitoring function
	Blockage warning alarm, reagent shortage alarm
X/Y/Z displacement	Error ≤ 0.1 mm
Extraction Temp.	Room temp-99°C
PCR Setup	2-8°C storage optional
Contamination Protection	HEPA filtrate, ventilation, UV sterilization
PORT connector	RJ45, LIS, HIS
Working Environment	Temp: 5-40°C, Humidity: $\leq 80\%$
Power Input	AC 100-240V, 50Hz
Weight	250Kg
Dimension	1300mm(L)*745mm(W)*1707mm(H) (cabinet included)