

• COMPONENT

Independent liquid channels	8 ea
CO-RE gripper arm for labware movements	1 set
Sample carrier :	
Sample carrier for 32 specimens	3 ea
Sample carrier for 24 specimens (optional)	4 ea
Sample carrier for 12 specimens (optional)	8 ea
Tip carrier	2 ea
Magnetic seperater	1 ea
Heater/Shaker (up to 100 °C)	2 ea
PCR plate carrier	2 ea
Extract cartridge rack	2 ea
PCR reagent rack	2 ea

• SPECIFICATION

Power Input	115-230V, 50-60 Hz
Power consumption	Maximum 600 W
Dimensions	1124 (W)x795 (D)x903 (H) mm
Weight	140 Kg
Sample capacity	1-94 samples
TAT (94 test)	155 min for whole process
Pipetting channel	8 channels
Dispensing precision (when using 300µl tip)	10µl: 2%, 50µl: 0.75%, 200µl: 0.75%
Dispensing precision (when using 1,000µl tip)	10µl: 3.5%, 100µl: 0.75%, 1000µl: 0.75%
Positional accuracy	0.1 mm on X-Y-Z

• ORDERING INFORMATION

Category	Products	Cat. No.	
Instrument	CFX96™	Optical Reaction Module 1845097-IVD	
		Thermal Cycler 1841000-IVD	
	Microlab STARlet IVD	173000-075	
	Microlab NIMBUS IVD	65415-02	
Extraction reagent	STARMag 96 x 4 Universal Cartridge Kit	744300.4.UC384	
Consumable	Microlab NIMBUS IVD	High Volume Tips(1000 µl)	235905
		Standard Volume Tips (300 µl)	235903
		NIMBUS-Waste Bag	65803-01
		NIMBUS-96 Deep Well Micro Plate	SDP0096

One-step process from nucleic acid extraction to PCR setup

STARlet IVD

(Microlab STARlet IVD)

CE-IVD
Marked



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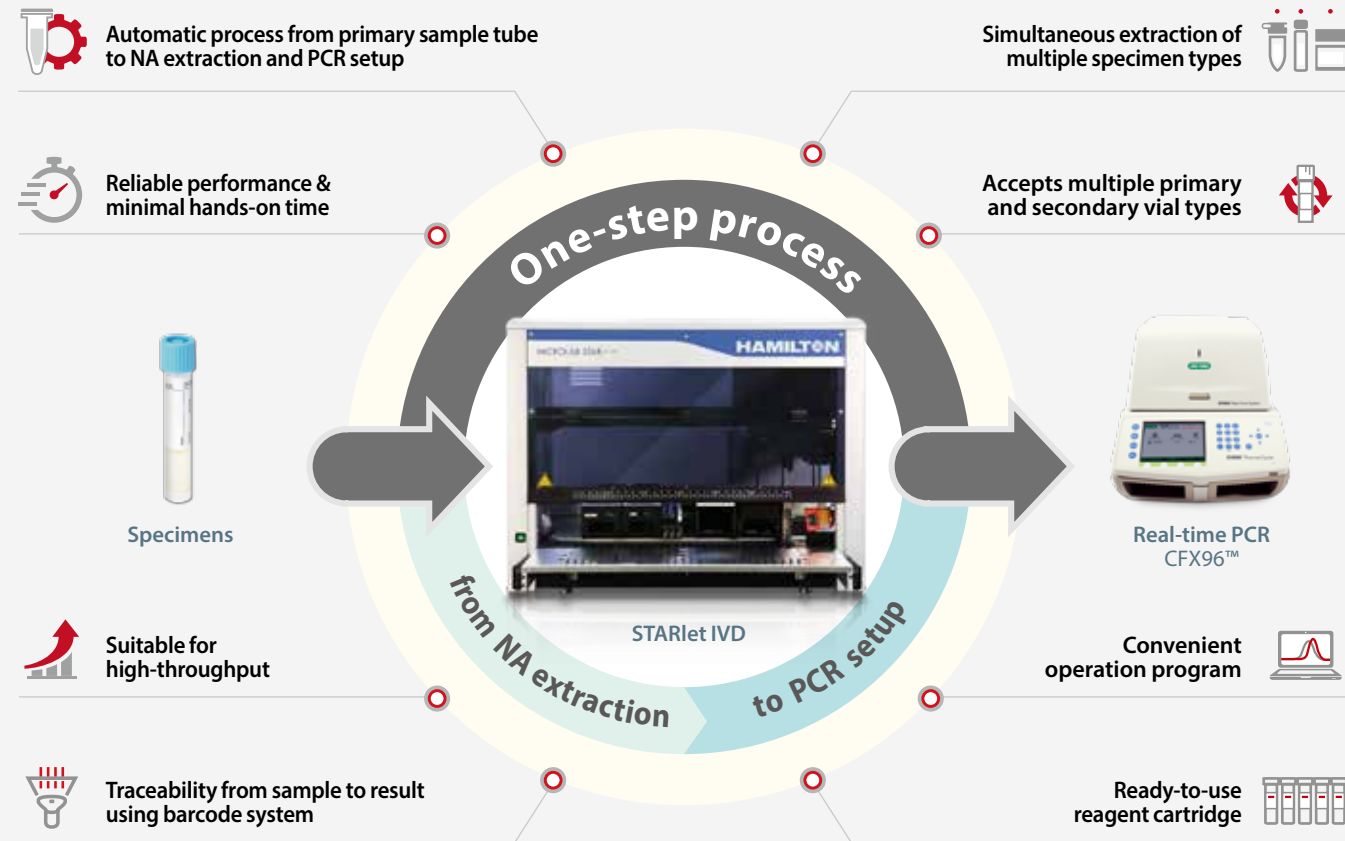


00ST-EN180212B-01

STARlet IVD (Hamilton)

STARlet IVD is an easy-to-use liquid handling workstation from primary sample tube to nucleic acid (NA) extraction and PCR setup. It provides convenient process of your lab works by minimizing hands-on time and maximizing assay reliability.

Effortless NA extraction and PCR setup for multiple specimens



Universal Cartridge Kit



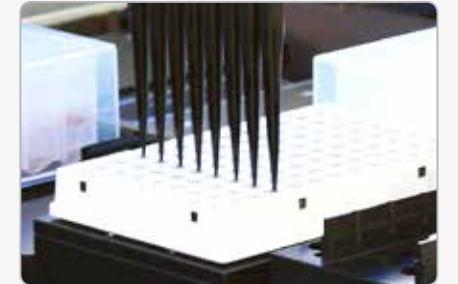
- Whole Blood
- LBC (Liquid based cytology) specimen
- Stool
- Serum
- Swabs (Nasopharyngeal, Vaginal, Cervical, Urethral Rectal)
- Cary-Blair
- Plasma
- Aspirate (Nasopharyngeal)
- CSF
- Cells
- BAL (Bronchoalveolar lavage)
- Sputum
- Urine
- Sputum

One-step process from NA extraction to PCR setup

- ▶ Maximized user convenience by minimizing hands-on time
- ▶ Selectable functions : entire process from NA extraction to PCR setup, extraction only, and PCR setup only
- ▶ Reduction of potential for contamination and human error



When separate extraction instruments are already set up, it can be exclusively used for PCR setup.



All-in-One platform for broad multiplex MDx assays

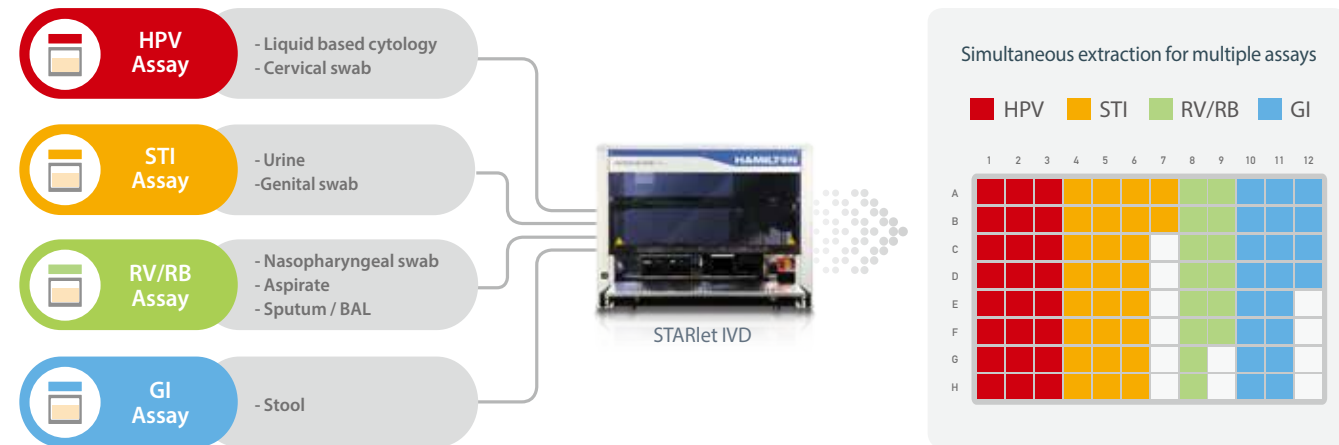
- ▶ One platform to cover various disease areas
- ▶ Cost-effective to utilize one provider for all solution

* In development



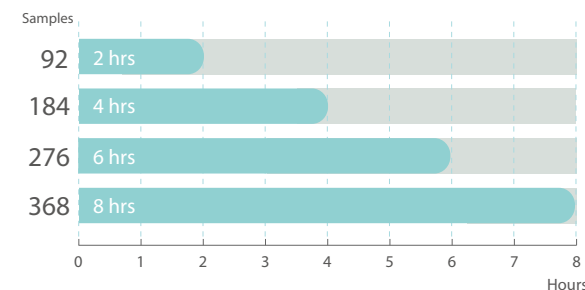
Simultaneous nucleic acid extraction of multiple sample types

- ▶ Single set of reagent for extraction of bacterial, viral, genomic, parasitic, fungal DNA and/or RNA from multiple specimen types
- ▶ Enhanced efficiency of working hours by reducing sample process time



Suitable for high-throughput

- ▶ Fast NA extraction from primary specimen (368 samples within 8 hours)
- ▶ Simplified workflow for medium to large clinical laboratory



Convenient operation using 'Seegene Launcher' program

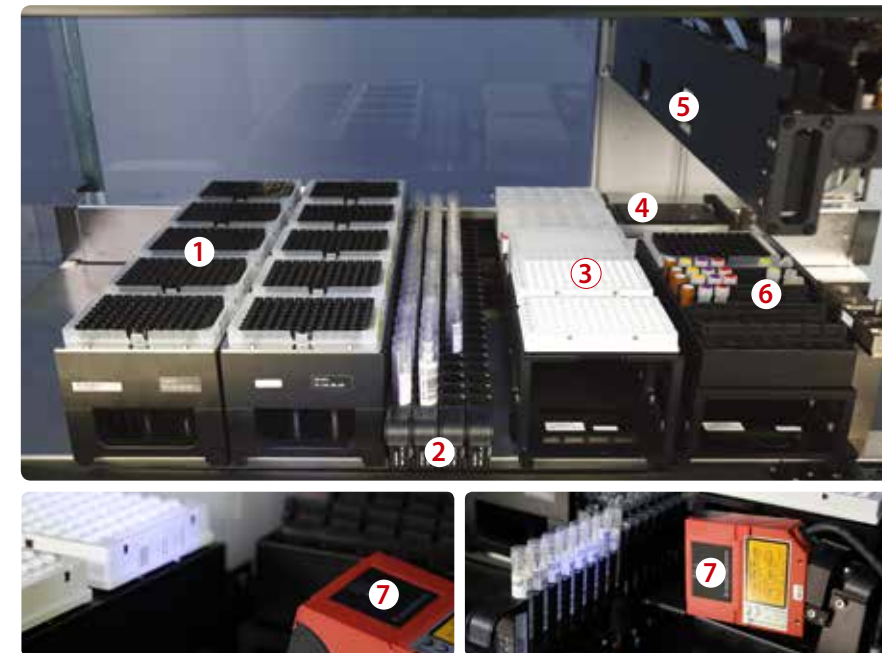
- ▶ Intuitive tutorial session for each step of entire process
- ▶ Easy integration of sample information by barcode scanner or LIS
- ▶ Convenient to trace remaining reagent volume by barcode system
- ▶ One click away to run various assays



Direct loading of primary sample tubes



Component



- 1 Disposable filter tip (300µL, 1000µL)
- 2 Sample carrier for 1.5mL tube or primary tube
- 3 Plate carrier
 - Extraction reagent rack : 2ea
 - 96 DWP rack : 1ea
 - PCR plate rack : 2ea
- 4 Heater and shaker for increasing extraction efficiency
- 5 Robotic arm for accurate dispensing control of individual 8 channel
- 6 PCR reagent rack
- 7 Built-in barcode scanner for reading of sample and consumables

Ready-to-use reagent cartridge system

- ▶ Predisposed extraction reagents to run 96 tests in one cartridge
- ▶ Eliminate hands-on time for reagent preparation
- ▶ Verify reagent volume by barcode system

