



COMING SOON



Automated Nucleic Acid Isolation System **QuickGene - Auto12SII**



Rapid Isolation of DNA or RNA from a wide array of sample types

- ▶ Easy and quick automatic processing of up to 12 samples
- ▶ High Quality Nucleic Acids
- ▶ Dedicated Isolation Kits
- ▶ Optional Barcode Management Function
- ▶ Clog Prevention Function
- ▶ Wide Range of Compatible Applications



Optional Barcode Management Function

An optional barcode management function can be added if sample tracking is desired

User friendly Design

The **QuickGene-Auto12SII** drawer allows for easy loading of reagent strips and collection of elution tubes. Also, it is much easier to perform maintenance as the upwards opening doors allow for more workspace



Clog Prevention Function

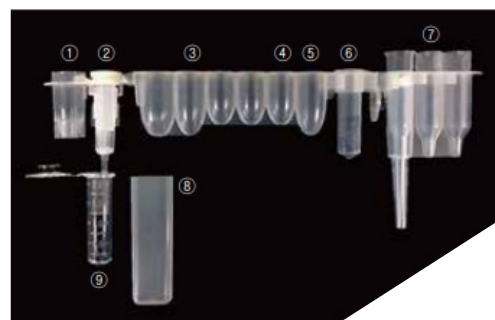
As opposed to the previous model, **QuickGene-Auto12SII** has an installed function to stop cartridges from overflowing preventing contamination

Easy and Clean Reagent Strips

The reagents required for a single operation are included in a one strip and are sealed to reduce the risk of contamination. This ensures safety when processing different samples or using reagents across days

- | | |
|------------------|-------------------|
| ① Elution Buffer | ⑤ Ethanol |
| ② Cartridge | ⑥ Sample Tube |
| ③ Wash Buffer | ⑦ Tips |
| ④ Lysis Buffer | ⑧ Waste Tube |
| | ⑨ Collection Tube |

*QuickGene-AutoS DNA Blood Kit



Wide Range of Compatible Applications

These are our most popular sample types that **QuickGene-Auto12SII** can easily process

Blood

Plasma

Tissue

Cells

Plants

Viruses

Saliva

Stool

FFPE

Automated Nucleic Acid Isolation System

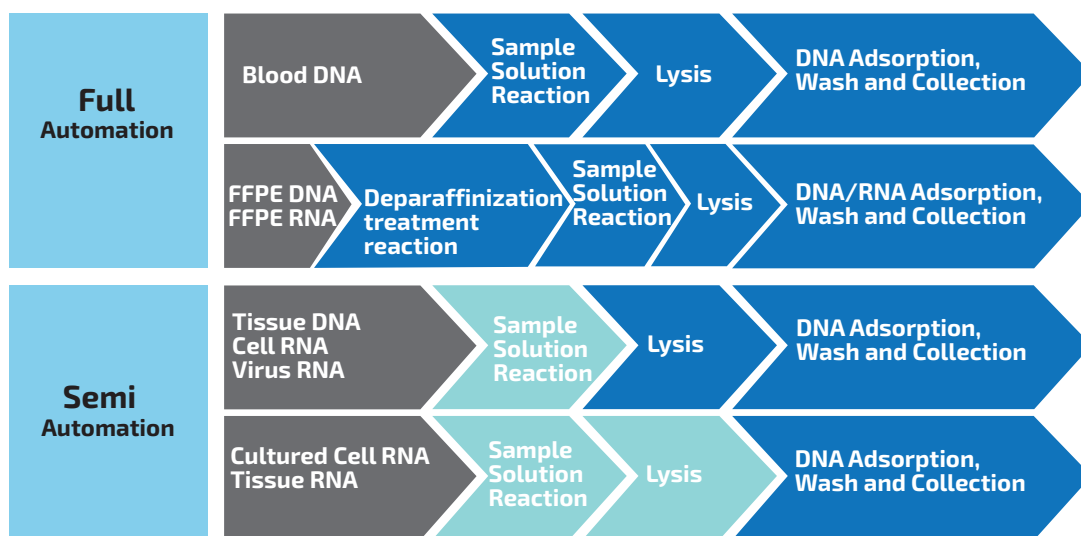
KURABO offers the most advanced and state-of-the-art technology in Automated Nucleic Acid Isolation. The **QuickGene-Auto12SII** is designed for Clinical Testing Laboratories, Biobanks, Academic Laboratories, and Pharmaceutical companies who favour quality results, and quick and hassle-free high throughput nucleic acid isolation.

Easy and quick automatic processing of up to 12 samples

- Blood DNA and Cultured Cell RNA in 25 min
- Tissue DNA and RNA in 30 min

These are just some examples to show you the excellence of this device

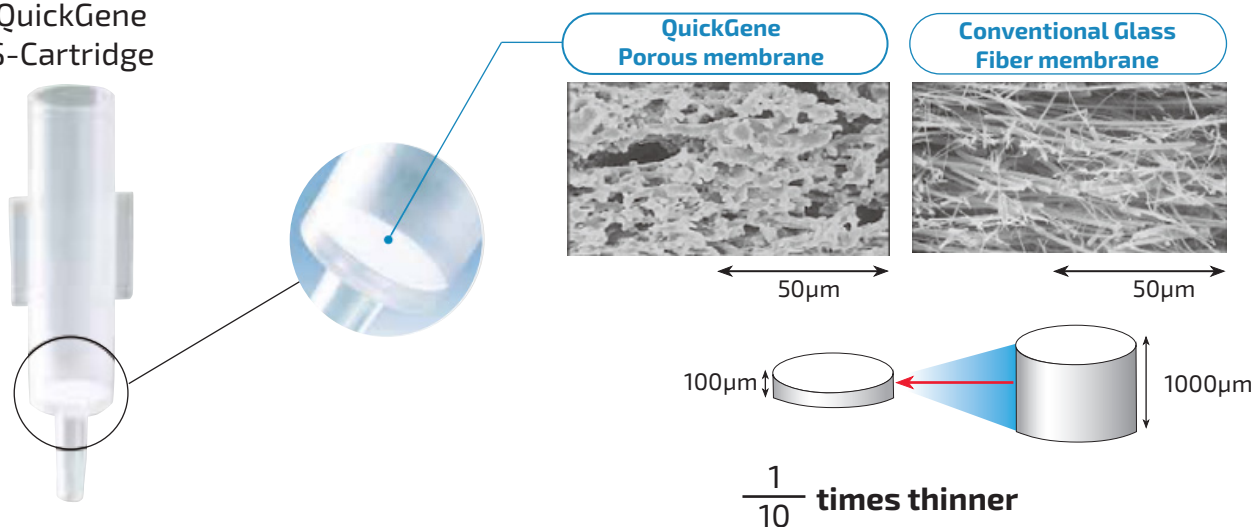
- Automated processes in blue and manual in green



High Quality Nucleic Acids

The nucleic acid adsorption medium uses a unique, Kurabo owned ultra-thin porous membrane, which allows the sample solution to pass through at low pressure, reducing damage to the nucleic acids and enabling the collection of high purity and high yield nucleic acids. As it is a filter type, there is no risk of artificial carriers (e.g., magnetic beads) being introduced into the final solution and affecting downstream analysis.

QuickGene
S-Cartridge



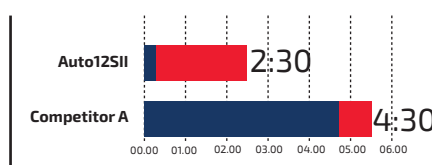
Leading the market in automated FFPE processing - minimal setup, maximum results

We achieved comparable yield and purity, while significantly reducing extraction time. Additionally, the scope of automation was expanded, demonstrating a more efficient extraction method.

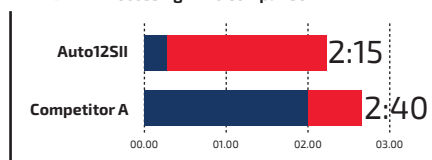
Sample	Device/Kit	Yield (µg)	DIN
Non-Small Cell Lung Cancer	Auto12S (AS-DF)	0.8	3.2
	Competitor A	0.8	2.1

Sample	Device/Kit	Yield (µg)	DIN
Non-Small Cell Lung Cancer	Auto12S (AS-DF)	5.2	67.7
	Competitor A	3.4	70.3

FFPE DNA Processing Time Comparison



FFPE RNA Processing Time Comparison



■ Manual
■ Automation

Higher yield, longer DNA fragment, and lower contamination of salts/protein

System Specifications

Product Name	QuickGene-Auto12SII
Operation method	Touch panel
Dimensions	W480 x D625 x H590 mm
Weight	66.5 kg / 68.0 kg with Barcode management unit
Power supply	AC100~240V 200VA
Options	Barcode management unit

Dedicated Isolation Kits

DNA/RNA	Sample Type	Product No.	Product Name	IVD-R
DNA	Blood	AS-DB	QuickGene-AutoS DNA Blood Kit	✓
	Tissue	AS-DT	Quickgene-AutoS DNA Tissue Kit	
	FFPE	AS-DF	Quickgene-AutoS DNA FFPE Kit	
RNA	Blood Cell	AS-RB	QuickGene-AutoS RNA Blood Cell Kit	
	Tissue	AS-RT	QuickGene-AutoS RNA Tissue Kit	
	Cultured Cell	AS-RC	QuickGene-AutoS RNA Cultured Cell Kit	
	Cultured Cell & Virus	AS-RCV	QuickGene-AutoS RNA Cell and Virus Kit	
	FFPE	AS-RF	QuickGene-AutoS RNA FFPE Kit	
	microRNA	AS-miR	QuickGene-AutoS microRNA Kit	

Contact Information



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