



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

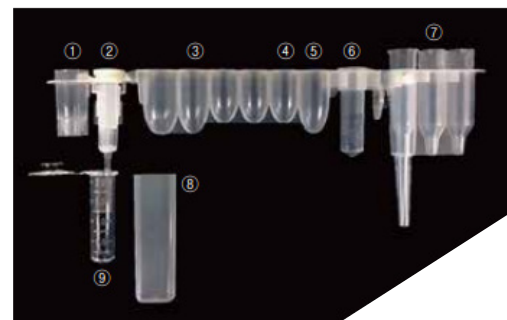
As opposed to the previous model, **QuickGene-Auto12SII** has an installed function to stop cartridges from overflowing preventing contamination

## 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

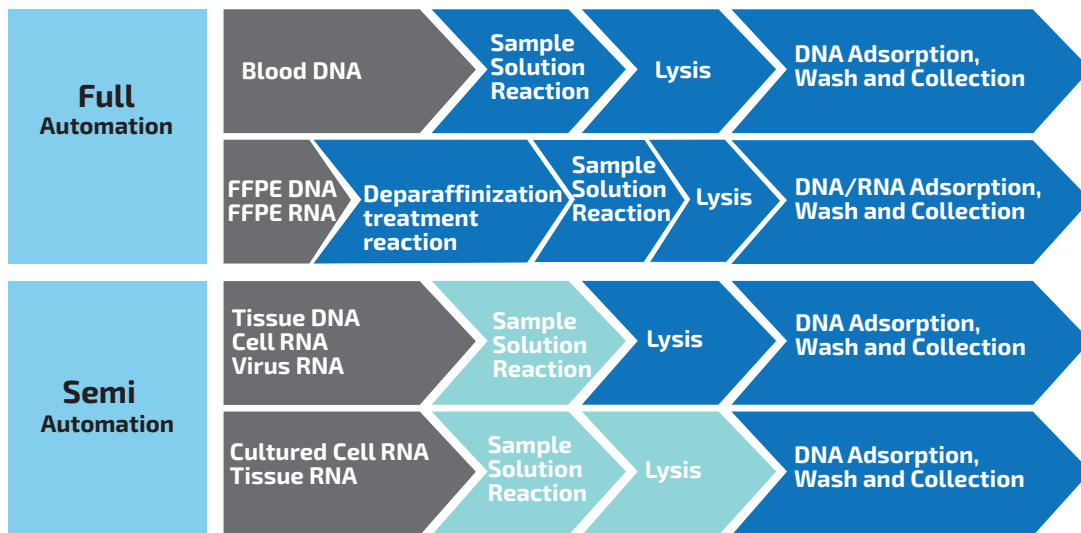
KURABO offers the most advanced and state-of-the-art technology in Automated Nucleic Acid Isolation. The **QuickGene-Auto12SII** is designed for Clinical Testing Laboratories, Biobanks, Academic Laboratories, and Pharmaceutical companies who favour quality results, and quick and hassle-free high throughput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

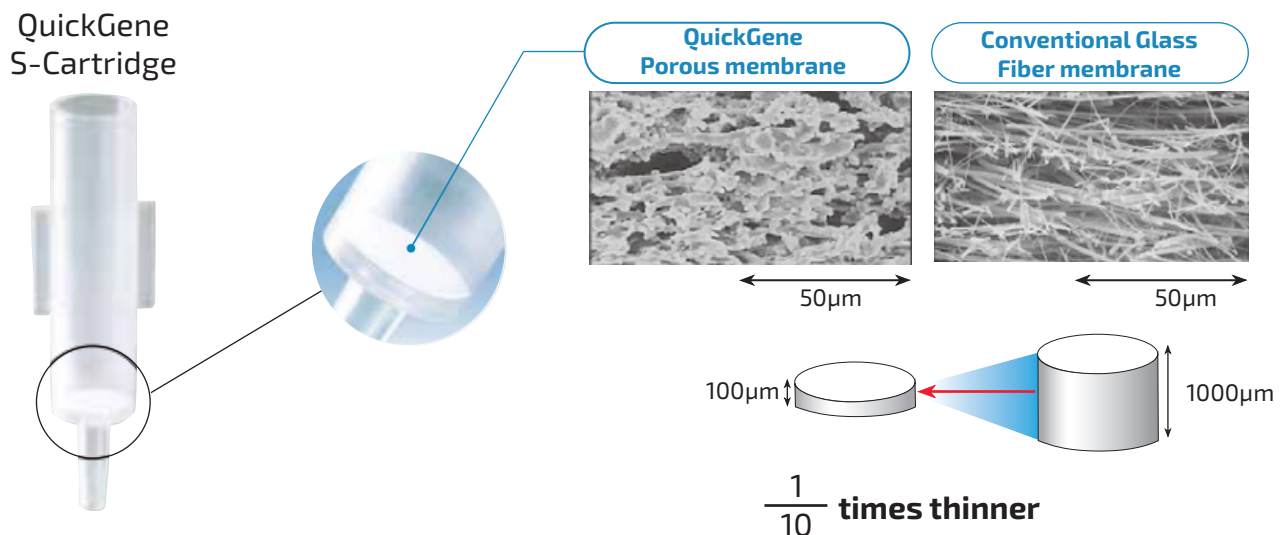
These are just some examples to show you the excellence of this device

- 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 Auto12SII – Rapid Isolation of DNA or RNA from a wide array of sample types

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

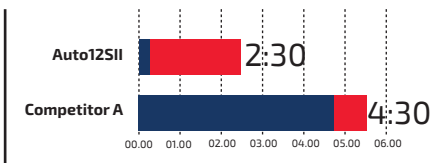
We achieved comparable yield and purity, while significantly reducing extraction time.

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 |

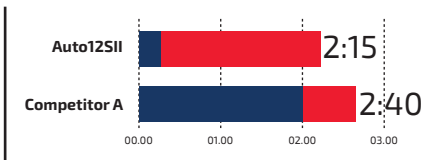
FFPE DNA Processing Time Comparison



■ Manual

■ Automation

FFPE RNA Processing Time Comparison



## 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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