

Specific Isolation Kits

- Appropriate kit selectable depending on various samples.
- Select the desired kit(s) and order it(them) separately.

	Isolation kits/Reference Code	Samples	To be released
For DNA isolation	QuickGene-AutoS DNA Blood Kit/ AS-DB	Human blood Animal blood Buffy Coat	In October, 2018
	QuickGene-AutoS DNA Tissue Kit/ AS-DT	Animal tissue Plants Swab Cultured cell	In October, 2018
	QuickGene-AutoS Plasmid Kit/ AS-PL	<i>E coli</i> (Plasmid)	In March, 2019
For RNA isolation	QuickGene-AutoS RNA Blood Kit/ AS-RB	Leukocytes separated by Ammonium chloride Erythrocytes of whole blood or Ficoll fraction	In March, 2019
	QuickGene-AutoS RNA Tissue Kit/ AS-RT	Animal tissue	In March, 2019
	QuickGene-AutoS RNA Cultured Cell Kit/ AS-RC	Cultured cell Plants <i>E coli</i>	In March, 2019

- * Environmentally friendly isolation can be conducted without using hazardous organic solvents.
- * The kits are not supplied with QuickGene-Auto12S or QuickGene-Auto24S.

Specification

Product	QuickGene-Auto12S	QuickGene-Auto24S
Throughput	1-12	1-24
Protocol	Blood DNA, Tissue DNA, Plasmid DNA, Blood Cell RNA, Tissue RNA, Cell RNA	
Processing time (ex.)	Whole blood (approx. 23 min) Mouse liver (approx. 30 min)	
DNA storage tubes	1.5 ml micro tubes, 2 ml micro tubes	
Operating method	Touch Screen	
UV lamp	Yes	
Power Supply	AC 100 – 230 V	
Dimensions	W48 x D62 x H57 cm	W83 x D62 x H57 cm
Weight	55 kg	80 kg

*Design and specifications are subject to change without previous notice.

*All brand names and product names are trademarks or registered trade marks of their respective companies.

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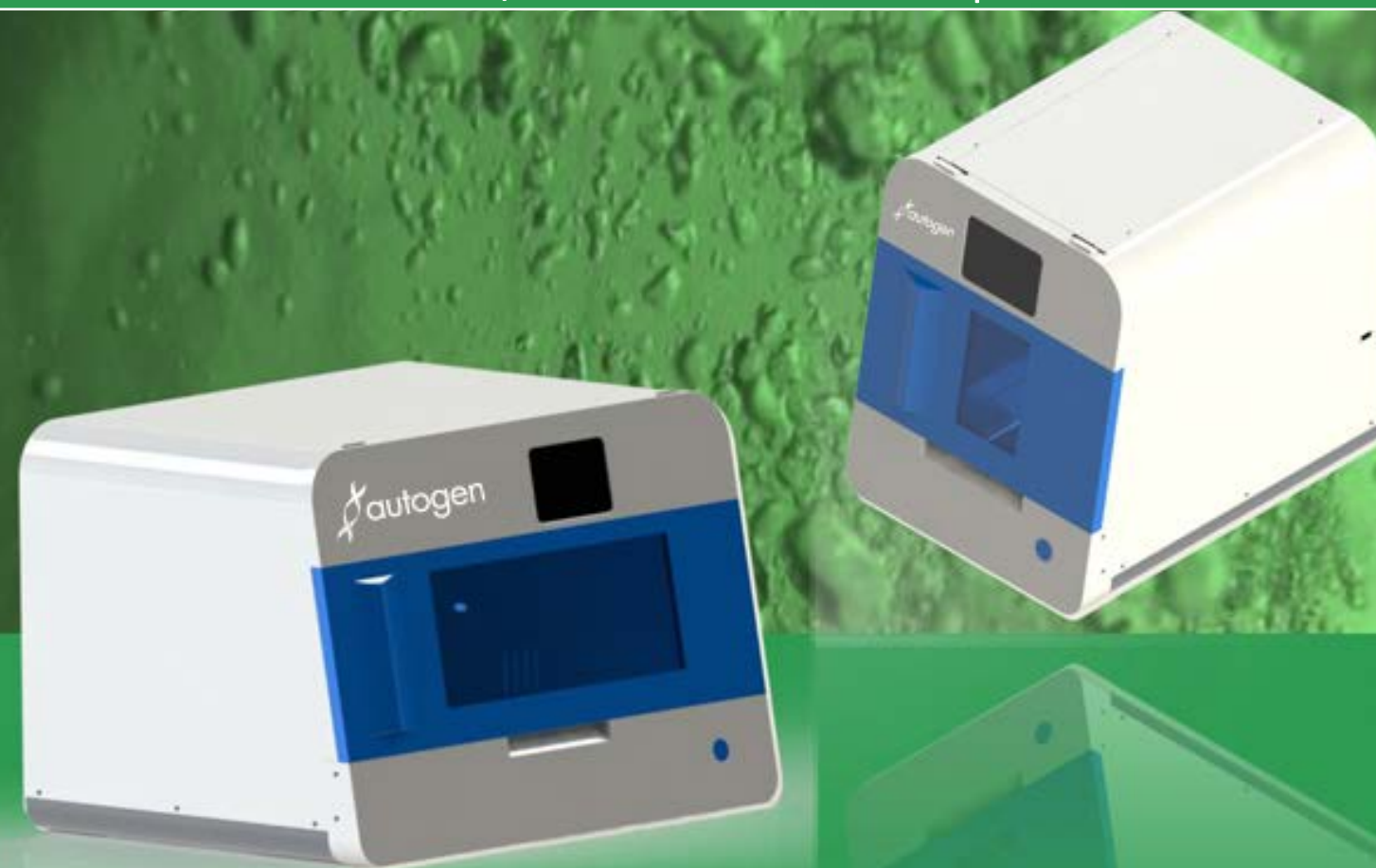
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For Research Use Only

Automated Nucleic Acid Isolation Device

QuickGene-Auto 12S QuickGene-Auto 24S

DNA/RNA From Varied Samples



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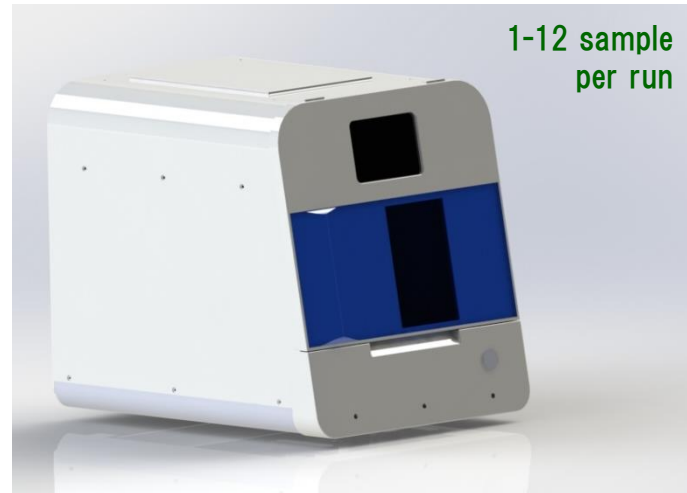
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QuickGene

-Benchtop device for automated DNA/RNA isolation

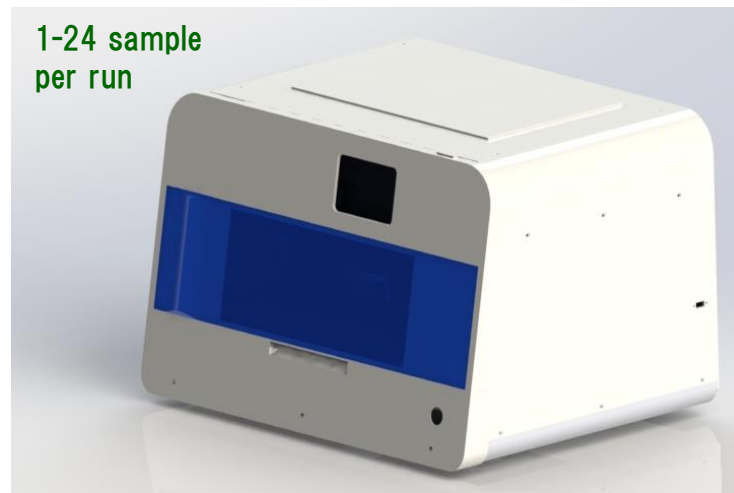
-Short operation time due to simultaneous processing of multiple samples

The QuickGene series uses a patented porous membrane to realize a quick and high purity, high yield in nucleic acid extraction. QuickGene-Auto12S/QuickGene-Auto24S can isolate DNA from 200 μ l of liquid samples by full-automatically. Solid sample for DNA isolation can be processed adsorption/washing/DNA collection automatically after manual pre-treatment. Automated the previous manual labor to reduce user's burden and support their high throughput in routine analytical work.



1-12 sample per run

QuickGene-Auto12S



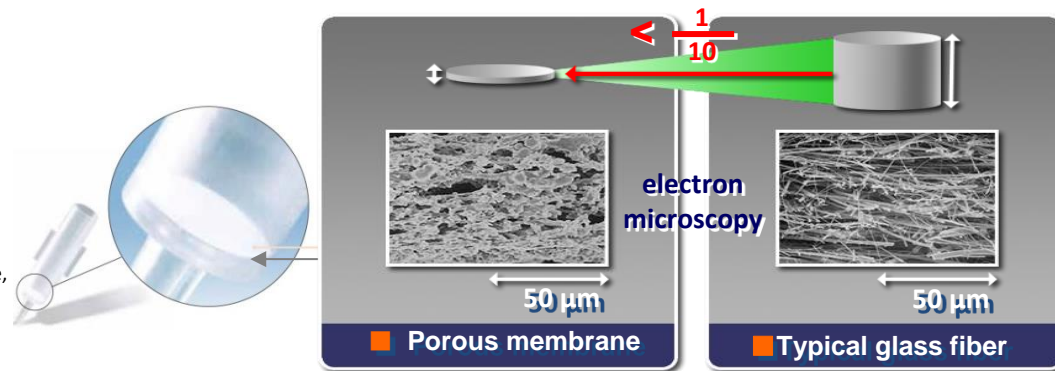
1-24 sample per run

QuickGene-Auto24S

Patented porous membrane

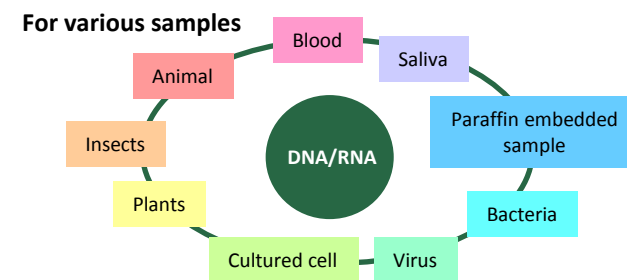
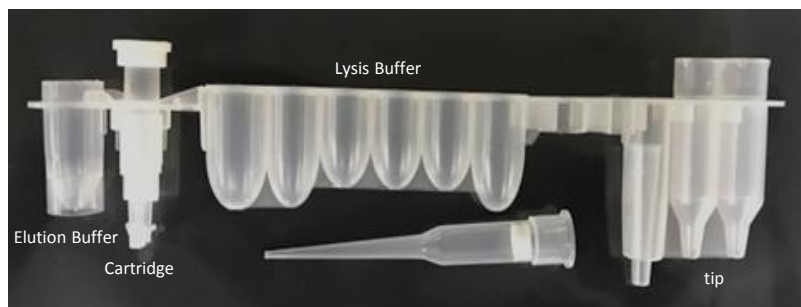
High-purity of DNA/RNA

The nucleic acid adsorptive medium used in QuickGene series is a porous membrane developed through application of advanced polymer membrane production technology. It is less than 100 μ m thick, making it incomparably thinner than conventional glass fibers. Because of the outstanding adsorptive and desorptive performances of the membrane, nucleic acid can be rapidly and reliably isolated at low pressure without being damage, which realizes high-quality nucleic acid isolation.



Isolation kit

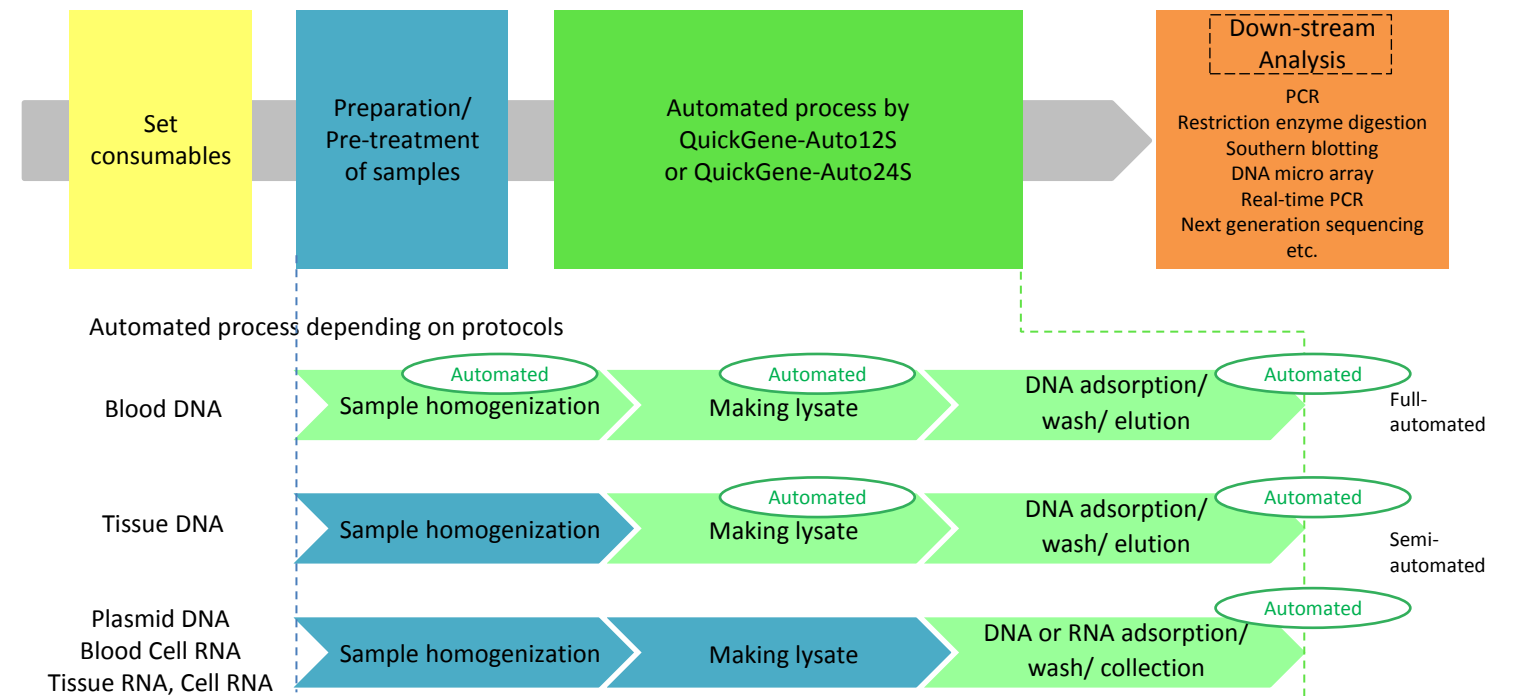
QuickGene-Auto12S and QuickGene-Auto24S use pre-filled reagent strips. These strips are supplied in a sealed condition with required reagents for isolation in one strip to reduce the contamination risk. There are less contamination risk when you process different samples and use strips across the day. QuickGene kits are usable for DNA/RNA isolation from various samples such as human, mouse, plants, plasmid etc.



QuickGene-Auto 12S

QuickGene-Auto24S

DNA/RNA isolation process

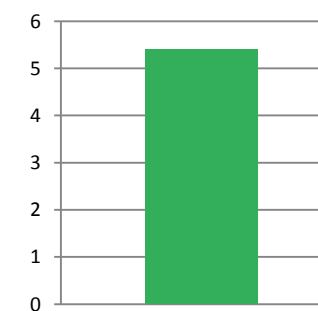


DNA isolation result

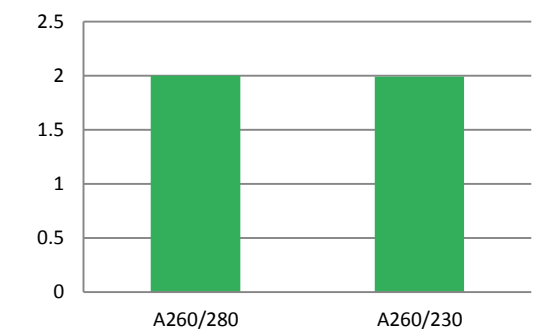
DNA isolation from 200 μ l of whole blood (N=8)

- Device: QuickGene-Auto12S
- Kit: QuickGene-AutoS DNA Blood Kit
- Sample: Whole blood of human (Primary tube; Venoject II) (Anticoagulant; EDTA-2Na)

Yield (μ g)



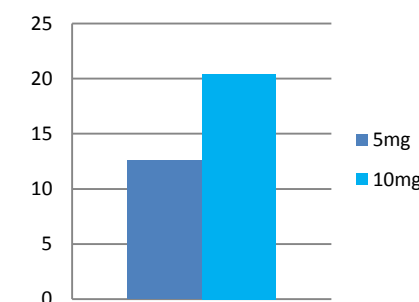
Purity



DNA isolation from 5 mg of mouse liver (N=8) / 10 mg of mouse liver (N=4)

- Device: QuickGene-Auto12S
- Kit: QuickGene-AutoS DNA Tissue Kit
- Sample: mouse liver

Yield (μ g)



Purity

