

Nucleic Acid Isolation Kit

QuickGene kit

The QuickGene kit uses patented porous membrane.
It is only 80μm thick, thinner than the glass fiber membrane.
Because of the outstanding adsorptive and desorptive performances
of the membrane, nucleic acid can be reliably isolated.



Nucleic Acid Isolation Consumables

QuickGene isolation kits

Appropriate kit selectable depending on sample.

Isolation example	Purpose	Corresponding kits	Isolation system
Whole blood, buffy coat Human/ Cow, etc.: Whole blood (EDTA blood, heparin blood)	DNA Isolation	DNA whole blood kit S/L	QuickGene-Mini480 QuickGene-Auto240L
Tissue Materials, manufactured goods Mouse/ Rat: Tail, Sperm, Liver Wheat/ Red bean/ Pleurotaceae/ Shimeji mushroom, etc.	DNA Isolation	DNA tissue kit S/L	QuickGene-Mini480 QuickGene-Auto240L
Plasmid <i>E. coli</i>	Plasmid Isolation	Plasmid kit S II	QuickGene-Mini480
Tissue Mouse/ Rat: Liver, Kidney, Brain, Spleen, Lung, Heart, Thymus	RNA Isolation	RNA tissue kit S II	QuickGene-Mini480
Cultured cell Adherent/ Non-adherent (HeLa, HL60, etc.) Plants, <i>E. coli</i> Dicotyledonous plant (leaf)/ Tobacco (leaf), Plants	RNA Isolation	RNA cultured cell kit S	QuickGene-Mini480
Cultured cell Cultured cells on 6cm/ 10cm dish	RNA Isolation	RNA cultured cell HC kit S	QuickGene-Mini480
Blood cell Leukocytes separated by ammonium chloride Erythrocytes of whole blood or Ficoll fraction	RNA Isolation	RNA blood cell kit S	QuickGene-Mini480

*This chart shows isolation examples. Protocol may vary depending on samples and sample conditions.

QuickGene Auto240L Consumables Kits 48 prep 240L-CK QuickGene-Auto240L

*Research Use Only
*Design and specifications are subject to change without notice.

Application Guides available on our website. <http://www.kurabo.co.jp/bio/English/>

*Besides QuickGene, we also provide fully automated DNA isolation system- GENE PREP STAR series.
For the detailed information , please refer to our website. <http://www.kurabo.co.jp/bio/English/>



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Nucleic Acid Isolation System
QuickGene Total Guide

Nucleic Acid Isolation System

QuickGene-Mini480	High-throughput compact nucleic acid isolation system
QuickGene-Auto240L	Automated large-capacity targeting for blood sample



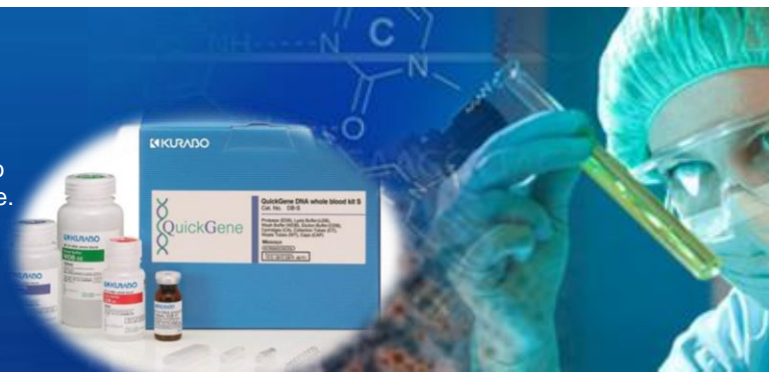
Nucleic acid isolation system

QuickGene series

The "QuickGene" series uses revolutionary porous membrane to isolate DNR/RNA with high quality and high yield at low pressure.

Nucleic Acid can be easily isolated from various samples including whole blood/tissue/cells/plants/virus and others.

QuickGene supports your basic research to medicine, food, agriculture and forensic criminal investigations.



Nucleic Acid Isolation system

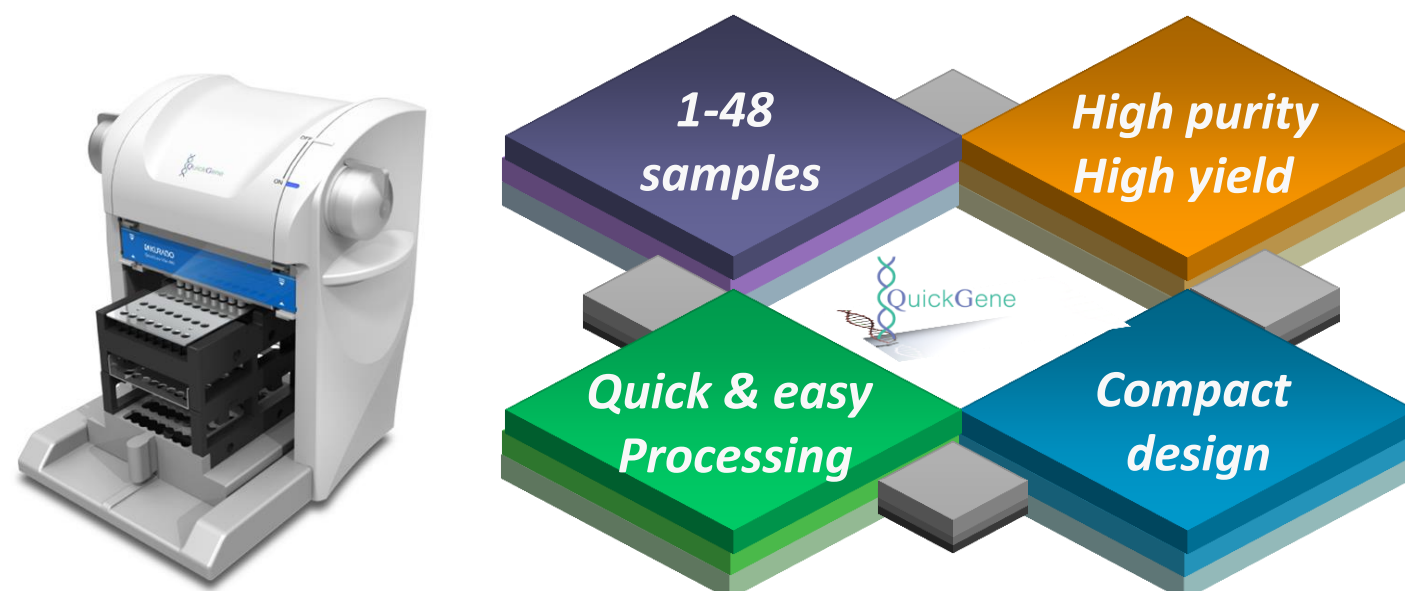
QuickGene-Mini480

Pressurizing Process



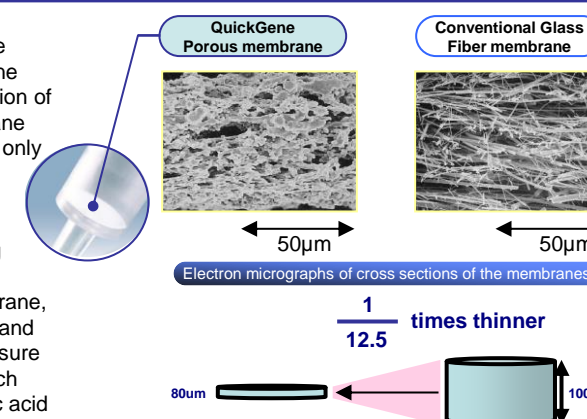
Complete wash and elution steps by same way..

High-throughput compact DNA & RNA isolation system



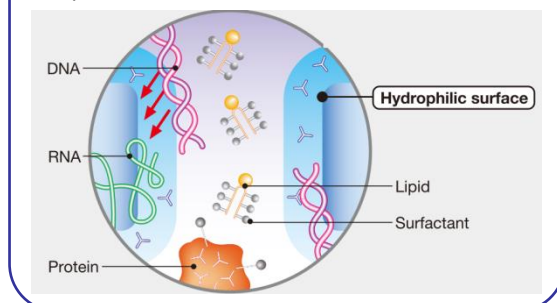
DNA and RNA isolation with a revolutionary 80μm membrane film

The nucleic acid adsorptive medium used in QuickGene series is a porous membrane developed through application of advanced polymer membrane production technology. It is only 80μm 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.

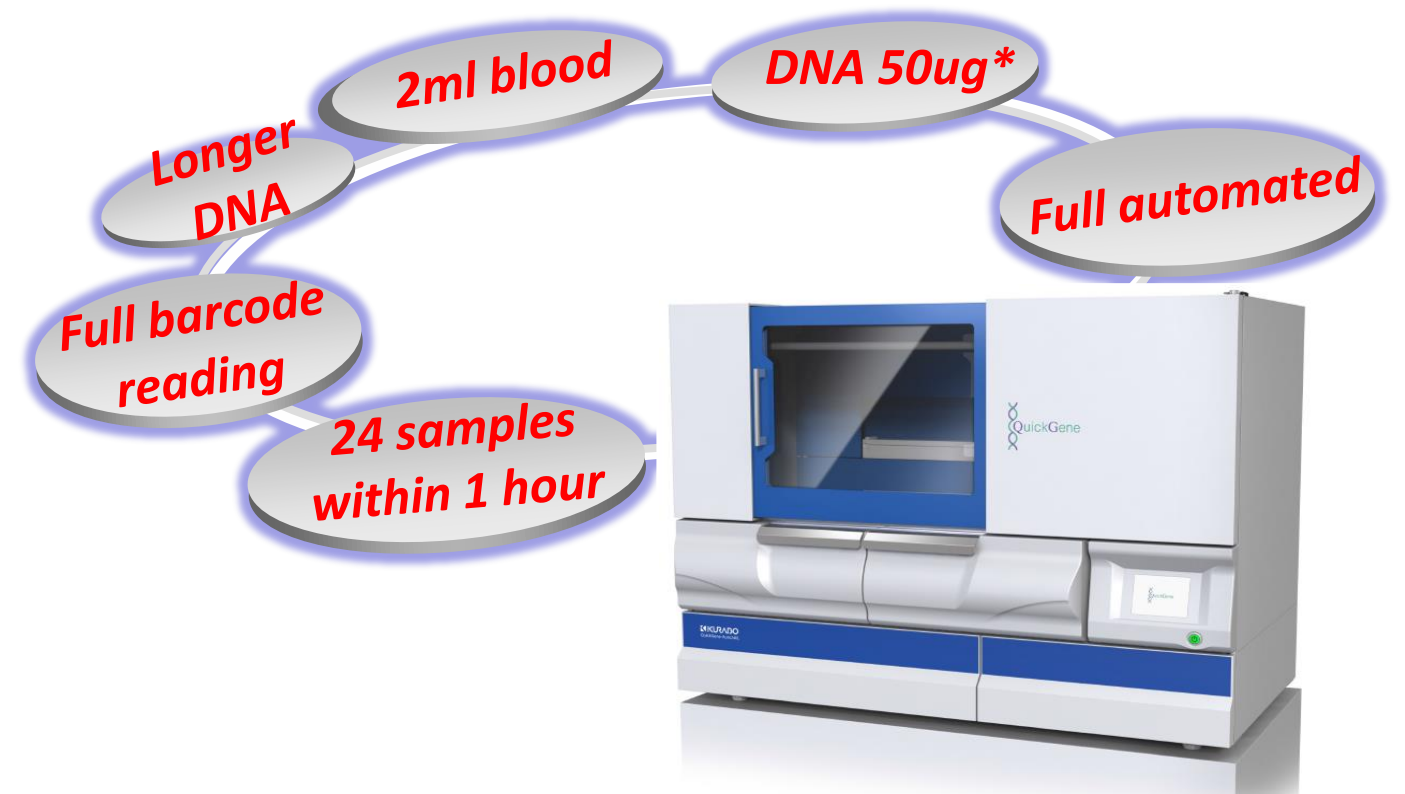


Adsorption of nucleic acids

Owing to their hydrophilic properties, nucleic acids get adsorbed onto the membrane, while protein and lipids, which are comparatively hydrophobic, tend to seep out of the membrane.



QuickGene-Auto240L



Fully automated for large whole blood DNA extraction

