

# 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 acids can be reliably isolated.



## Nucleic Acid Isolation Consumables

### QuickGene isolation kits

Appropriate kit selectable depending on sample type.

Isolation example	Purpose	Corresponding kits	Isolation system
<b>Whole blood, buffy coat</b> Human/ Cow, etc.: Whole blood (EDTA blood, heparin blood)	DNA Isolation	<b>DNA whole blood kit S/L</b>	QuickGene-Mini8L QuickGene-Mini480 QuickGene-Auto240L
<b>Tissue</b> Materials, manufactured goods Mouse/ Rat: Tail, Sperm, Liver Wheat/ Red bean/ Pleurotaceae/ Shimeji mushroom, etc.	DNA Isolation	<b>DNA tissue kit S/L</b>	QuickGene-Mini8L QuickGene-Mini480 QuickGene-Auto240L
<b>Plasmid</b> <i>E. coli</i>	Plasmid Isolation	<b>Plasmid kit S II</b>	QuickGene-Mini480
<b>Tissue</b> Mouse/ Rat: Liver, Kidney, Brain, Spleen, Lung, Heart, Thymus	RNA Isolation	<b>RNA tissue kit S II</b>	QuickGene-Mini480
<b>Cultured cell</b> Adherent/ Non-adherent (HeLa, HL60, etc.) <b>Plants, <i>E. coli</i></b> Dicotyledonous plant (leaf) Tobacco (leaf), Plants	RNA Isolation	<b>RNA cultured cell kit S</b>	QuickGene-Mini480
<b>Cultured cell</b> Cultured cells on 6cm/ 10cm dish	RNA Isolation	<b>RNA cultured cell HC kit S</b>	QuickGene-Mini480
<b>Blood cell</b> Leukocytes separated by ammonium chloride Erythrocytes of whole blood or Ficoll fraction	RNA Isolation	<b>RNA blood cell kit S</b>	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.  
 \*For detailed information on the use of the isolation kits please refer to our website.

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## Nucleic Acid Isolation Systems

# QuickGene Total Guide



**QuickGene - Mini480**  
 High-throughput Compact Nucleic Acid Isolation System

**QuickGene - Mini8L**  
 Large Volume Compact Nucleic Acid Isolation System

**QuickGene - Auto240L**  
 Fully Automated Nucleic Acid Isolation System



# Nucleic acid isolation systems QuickGene series

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

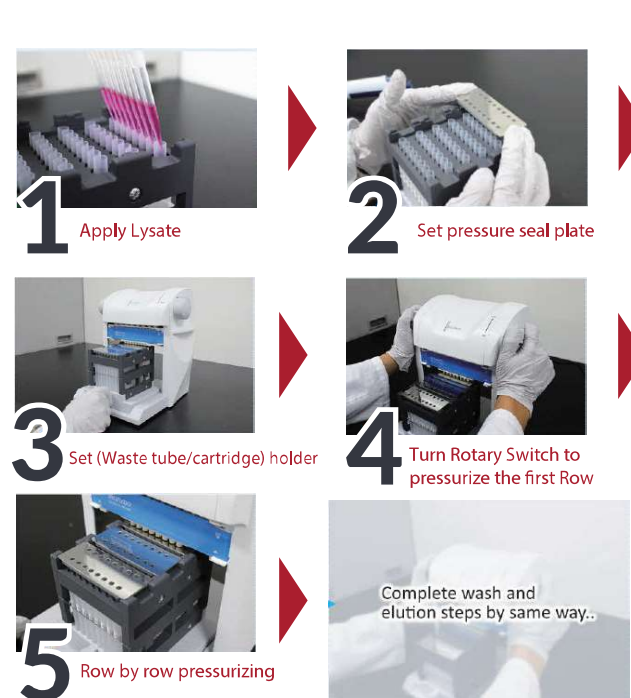
Nucleic Acids can be easily isolated from various samples including whole blood/tissue/cells/plants/virus and others.

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



## Nucleic Acid Isolation Systems

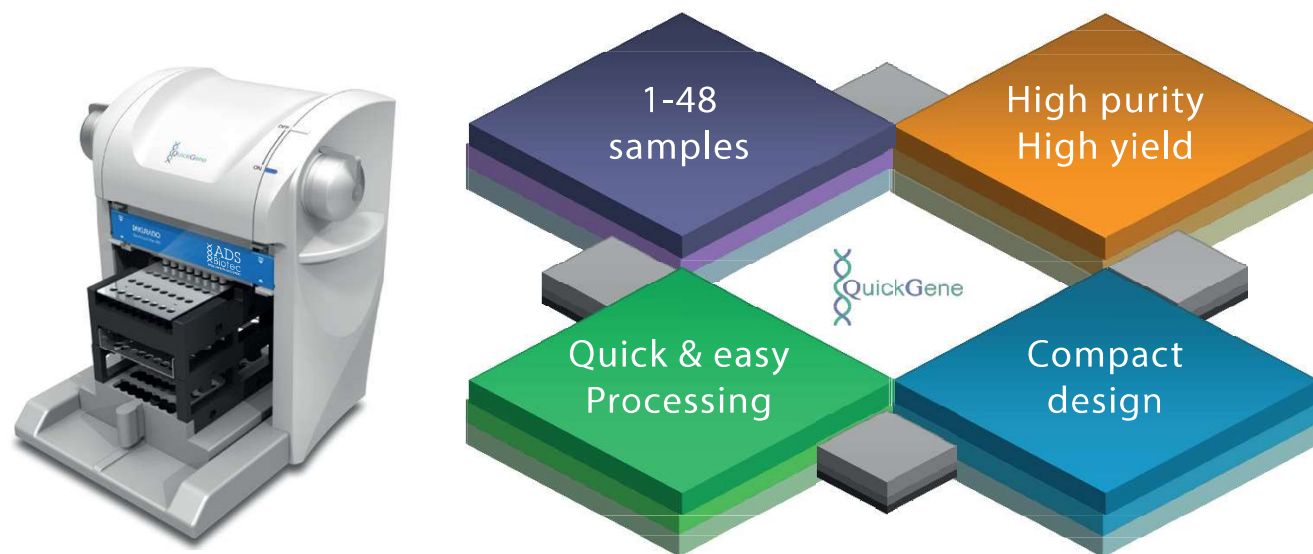
### QuickGene - Mini480



### QuickGene - Mini8L

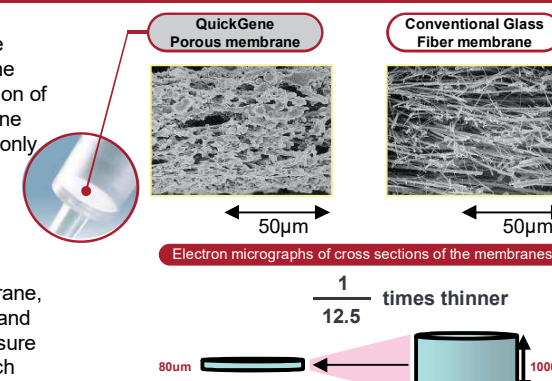


## High-throughput compact DNA & RNA isolation system



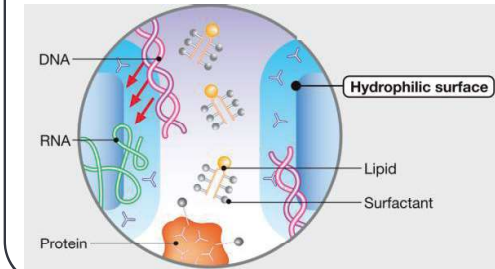
### DNA and RNA isolation with a revolutionary 80µm membrane film

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 acids isolation.

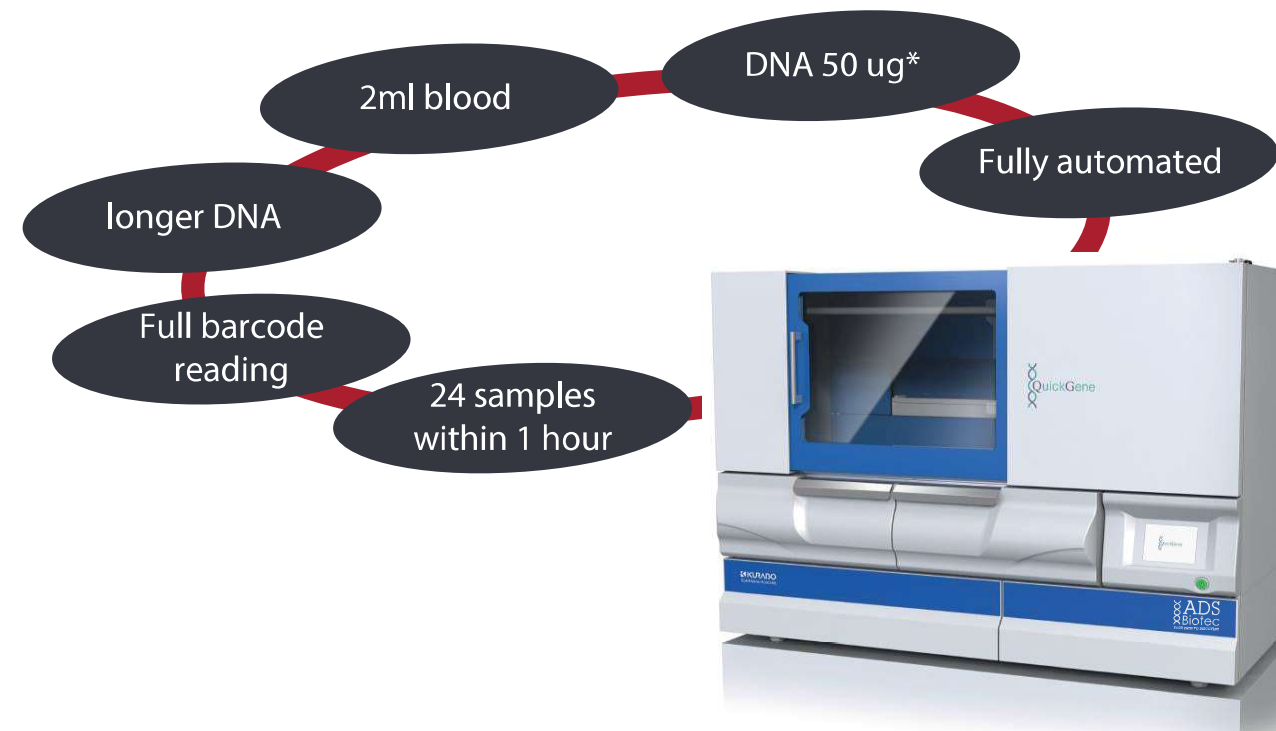


### Adsorption of nucleic acids

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

