The GENE PREP is a fully automated plasmid and genomic DNA isolation system. Simply place your samples on the workstation, press the start button and walk away. The GENE PREP will deliver high yields of very pure DNA, ready for the next step in your process.

Robust Modular Design

On-Board Centrifuge and XYZ Robot
Assists in fully automating the entire extraction process including DNA resuspension.

Heating Shaker
Infrared heater descends to dock with shaker to become a heating shaker allowing for quicker DNA drying time of 15 minutes as well as on board ProK and CTAB digestion.

Reagent Dispensing System with Optional Expandable Lines
Independent motor driven syringes for loading and dispensing of reagents. Option of 6, 9 or 12 independent lines eliminates the need to switch out reagents when changing protocols, eliminating contamination, error and necessity of washing the lines.

User Friendly Touch Panel
The LCD screen is the operator interface screen to the system. Simply touch the screen to choose a protocol and initiate the run. Also allows for creation of customized protocols.

Key Features:
• Total Automation
• Multiple Sample Capability
• Low Cost Per Sample
• High Yield
• High Quality DNA

Optional Tube Unit Stacker
Store additional tube units and quadruple your batch size capacity from 48 samples in 2 hours to up to 192 samples per run in 8 hours unattended.
Key Features Include...

- Wide Variety of Samples
  Protocols available include gDNA from animal tissues, cells, buffy coats, Oragene saliva as well as plasmid and BAC DNA isolation.

- Easy-to-use
  The built-in centrifuge eliminates the need to collect bacteria pellets manually before the run. The optional stacking device allows unattended operation for up to 192 samples. The touch screen interface makes changing and storing protocol parameters simple.

- Flexible Protocol Setting
  The parameters such as centrifuge time, mixing time and reagent volume can be changed very easily. When an error occurs, the GENE PREP can be restarted from the point where the error occurred.

- Low Running Cost
  AutoGen has developed proprietary reagent kits and consumables which provide low running cost. Our disposable tube unit is compatible with commercially available 8-channel pipettors.

High Quality and High Yield...

<table>
<thead>
<tr>
<th>Plasmid</th>
<th>Animal Tissue</th>
<th>Plant Tissue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Culture volume: 2.0ml (2 XYT medium)</td>
<td>Sample: 10mg of mouse tail</td>
<td>Sample: 100mg of rice leaves</td>
</tr>
<tr>
<td>Plasmid/Host: pUC18 / E.coli JM109</td>
<td>Pretreatment: Incubation with Pro K at 55C for 14 hours.</td>
<td>Pre-treatment: Disrupted with tissue grinder</td>
</tr>
<tr>
<td>Restriction enzyme digestion</td>
<td>PCR amplification</td>
<td>PCR amplification</td>
</tr>
<tr>
<td>pBeloBAC / E.coli DH10B</td>
<td>Template DNA: 200ng each</td>
<td>Template DNA: 100ng each</td>
</tr>
<tr>
<td></td>
<td>Number of Cycles: 35</td>
<td>Number of Cycles: 30</td>
</tr>
<tr>
<td></td>
<td>Target gene: ICAM-1 (Amplicon size 535bp)</td>
<td>Target gene: rbcL (Amplicon size 670bp)</td>
</tr>
<tr>
<td></td>
<td>M: phiX174 HindIII size marker</td>
<td>M: phiX174 HindIII size marker</td>
</tr>
<tr>
<td></td>
<td>C+: Positive control</td>
<td>C+: Positive control</td>
</tr>
<tr>
<td></td>
<td>C-: Negative control</td>
<td>C-: Negative control</td>
</tr>
</tbody>
</table>

What we mean by prep with confidence

At AutoGen our mission is to provide our customers with the tools necessary so they can have complete confidence in our systems and the results they produce. We think this makes us unique in our market. We are not a large multinational corporation with hundreds of products. We are a cohesive team that focuses on delivering reliable and innovative technologies for sample prep. We believe that our customers and their requirements come first. As an AutoGen customer you have our personal guarantee that no one in the industry will work harder to insure your satisfaction with our products and services.