## Certified Agarose Selection Guide

### Analytical Separation

<table>
<thead>
<tr>
<th>Application</th>
<th>Molecular Biology Agarose</th>
<th>PCR Agarose</th>
<th>Low Range Ultra Agarose</th>
<th>Low-Melt Agarose</th>
<th>PCR Low-Melt Agarose</th>
<th>Megabase Agarose</th>
<th>Pulsed Field Agarose</th>
</tr>
</thead>
<tbody>
<tr>
<td>≥1,000 bp</td>
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<tr>
<td>≤1,000 bp</td>
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<tr>
<td>10–200 bp</td>
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<tr>
<td>1 kb–2 Mb</td>
<td>•</td>
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<tr>
<td>1 kb–5 Mb</td>
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</tbody>
</table>

### Preparative Separation

- Quantum Prep® plasmid kit methods
- Low-melt methods
- Agarase methods
- In-gel applications

### Other Applications

- Postpreparative enzymatic treatments
- Tissue/cell culture
- Pulsed field sample preparation
- Blotting

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**Certified Molecular Biology Agarose**

- 0.5% agarose
- 5.7 Mb
- 4.6
- 3.5
- 5 kb
- 1.6
- 0.5

**Certified Low Range Ultra Agarose**

- 1% agarose
- 0.5% agarose
- 0.7
- 1
- 1.2

**Certified Megabase Agarose**

- 0.3 0.5 1
- 2
- 0.5

**Certified Low-Melt Agarose**

- 0.3
- 1
- 2

**Certified PCR Low-Melt Agarose**

- 0.3
- 1
- 2

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**Molecular Biology PCR Low Range Low-Melt PCR Low-Melt Megabase Pulsed Field Application Agarose Agarose Ultra Agarose Agarose Agarose Agarose Agarose**

- Analytical Separation ≥1,000 bp ≤1,000 bp 10–200 bp 1 kb–2 Mb 1 kb–5 Mb
- Preparative Separation Quantum Prep® plasmid kit methods Low-melt methods Agarase methods In-gel applications
- Other Applications Postpreparative enzymatic treatments Tissue/cell culture Pulsed field sample preparation Blotting