** Product Information **

** MBT051 **

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Product Code</th>
<th>Kit Packing**</th>
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</thead>
<tbody>
<tr>
<td>1kb DNA Ladder</td>
<td>MBT051-50LN</td>
<td>50 Lanes (150 µl)</td>
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<tr>
<td></td>
<td>MBT051-200LN</td>
<td>200 Lanes (4 x 150 µl)</td>
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</tbody>
</table>

** Description:**

The 1kb DNA ladder contains eleven blunt-ended DNA fragments ranging from 500bp to 10kb in increments. Fragment with size 2,500bp is higher in intensity in comparison to other bands to serve as orientation point. It serves as molecular weight standards for agarose gel electrophoresis. The ladder is suitable for sizing PCR products or other double-stranded DNA fragments. The ladder is pre-mixed with loading dye and is ready to use.

** NOTE:** 250bp may be visible depending on amount loaded.

** Recommended load:** 3 µl / lane

** Concentration:** 0.1 µg/µl

** This product is for in vitro use only. **

** Storage Buffer:** 10mM Tris-HCl (pH 8.0) and 1mM EDTA.

** Storage conditions:**

The ladder should be stored at -20°C. Make small aliquots and store at -20°C. When stored under the recommended conditions, the product is stable for 2 years.

** Quality Control:**

Each lot of HiMedia’s 1kb DNA Ladder is assayed for contaminating endonuclease, exonuclease and non-specific DNase activities.
Technical Assistance
At HiMedia, we pride ourselves on the quality and availability of our technical support. For any kind of technical assistance, mail to mb@himedialabs.com

Storage temperature

-20°C

-10°C

Do not use if package is damaged

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