**MBT090**

**High Range DNA Ladder**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Product Code</th>
<th>Kit Packing</th>
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<tbody>
<tr>
<td>High Range DNA Ladder</td>
<td>MBT090-50LN</td>
<td>50 Lanes (150 µl)</td>
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<tr>
<td>High Range DNA Ladder</td>
<td>MBT090-200LN</td>
<td>200 Lanes (4 x 150 µl)</td>
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**Description:**

The High Range DNA ladder is a unique combination of a number of proprietary plasmids digested with appropriate restriction enzymes and PCR products to yield 14 fragments, suitable for use as molecular weight standards for agarose gel electrophoresis. The DNA includes fragments ranging from 250-25kb base pairs. The 1kb and 3kb bands have increased intensity to serve as reference points. The approximate mass of DNA in each band is provided (0.52 µg a load) for approximating the mass of DNA in comparably intense samples of similar size. This ladder is pre-mixed with loading dye (containing bromophenol blue and xylene cyanol FF as tracking dyes) and is ready to use.

**Concentration:** 104 µg/ml

**Recommended load:** 3 µl/lane

**Storage conditions:**

The ladder should be stored at -20°C. When stored under the recommended conditions, the product is stable for 2 years.
Quality Control:
Each lot of High Range DNA Ladder are 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
-10°C
-20°C

Do not use if package is damaged

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