Product Information Sheet

Product Name: EasyLoad™ High Range DNA Ladder*

Item Number:

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Qty</th>
<th>Number of Lanes when loading the below volumes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5uL</td>
<td>10uL</td>
</tr>
<tr>
<td>LA-EL-HR-100</td>
<td>(1 x 500µL)</td>
<td>100</td>
</tr>
<tr>
<td>SS-LA-EL-HR-5</td>
<td>(1 x 25µL)</td>
<td>5</td>
</tr>
</tbody>
</table>

Concentration: 130ng/µl

Storage and Handling:
Store at -20°C upon arrival. Can be stored at room temperatures or 4°C for short term (up to one month).

Product Description:
Empirical’s EasyLoad™ High Range DNA Ladder consists of 12 DNA fragments ranging from 500 bp to 10 kb. The ladder allows sizing of DNA fragments on agarose gels and is supplied in a convenient, ready-to-use format containing MeanGreen™ Loading Dye. MeanGreen™ separates into two bands for tracking (blue ~4kb and yellow <25 bp), which do not obscure visualization as they run outside the range of most PCR products.

The EasyLoad™ High Range DNA Ladder is supplied in a solution with 10% (v/v) Glycerol, 10mM Tris-HCl (pH 7.5), 10mM EDTA, and MeanGreen™ loading/tracking dye.

Usage:
1. Load 5µl - 10µl of EasyLoad™ High Range DNA Ladder per lane.
2. For best results run at 160V for 30 minutes on a 0.6% agarose gel.

* This product is for “Research Use Only. Not for use in diagnostic procedures”.

For MSDS and Certificate of Analysis please visit www.empiricalbioscience.com