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	PIS-043 LA-EL-LR-Lanes	Version: 005 Effective Date: 07/06/20 Author: Beth Lowe CO#: 062520-1

Print Page 2 Only for Customer

Concentration: EasyLoad™ Low Range DNA Ladder: 120ng/ul

Storage and Handling:

Upon arrival store at -20°C for provided expiration date, Room Temperature for 30 Days, 4°C for up to 30 days. Minimize Freeze thaw to avoid loss of performance.

Ordering Information:

Item Number	Number of Tubes and Volume	Number of Lanes when loading the below volumes	
		5uL	10uL
LA-EL-LR-100	EasyLoad™ Low Range DNA Ladder: 1 x 500µL	100	50

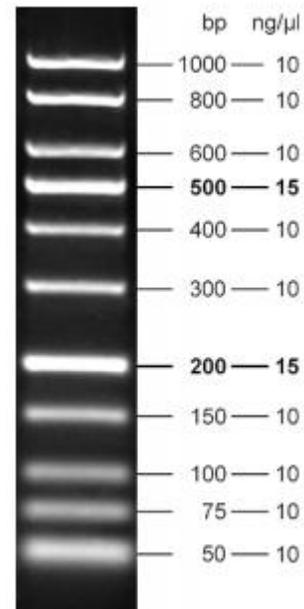
Product Description:

Empirical's EasyLoad™ Low Range DNA Ladder consists of 11 DNA fragments ranging from 50 bp to 1 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™ Low Range DNA Ladder is supplied in a solution with Glycerol, Tris-HCl (pH 7.5), EDTA, and MeanGreen™ loading/tracking dye.

Usage:

1. Load 5µl - 10µl of EasyLoad™ Low Range DNA Ladder per lane.
2. For best results run at 160V for 30 minutes on a 1.8% agarose gel.



5µl loaded onto 1.8% agarose

*This product is intended for Research Use Only. This product is manufactured under ISO13485:2016 Quality System Requirements and is available for use as a Raw Material for use in IVD applications. Please contact Empirical Bioscience for further details.
 For MSDS and Certificate of Analysis please visit www.empiricalbioscience.com