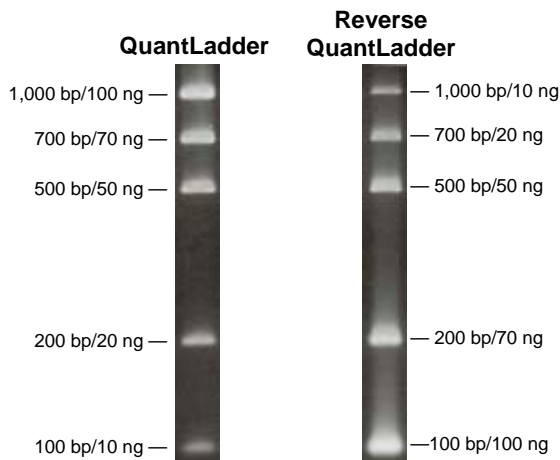


Lonza DNA QuantLadders

Introduction

Lonza DNA QuantLadders are prepared from five highly purified DNA fragments that provide convenient, visual quantitation of DNA within $\pm 1\%$ accuracy. The DNA QuantLadder provides each DNA fragment in perfect relative mass equivalence at 100 ng, 70 ng, 50 ng, 20 ng and 10 ng per 2.5 μ l load, or 5 μ l load of the SimplyLoad[®] DNA Ladder. The Reverse QuantLadder simply reverses the mass equivalence order of the QuantLadder. Each ladder is also offered in our SimplyLoad[®] Ready-to-load format.



2.5 μ l loads of QuantLadder and Reverse QuantLadder.

Contents

Lonza DNA QuantLadders are supplied at 100 μ g/ml in TE Buffer and each includes a vial of 6X Sample Loading Buffer: 1 ml total volume 15% w/v Ficoll[®] 400, 0.06% w/v Bromophenol blue, 0.06% w/v Xylene cyanol FF, 30 mM EDTA.

Lonza SimplyLoad[®] DNA QuantLadders are supplied at ready-to-load concentrations in TE Buffer and 1X Ficoll[®] sample loading buffer.

Storage

Store at 2°C-8°C. Contact Technical Service for shelf life information.

Amounts to Load

To maintain accurate fragment concentrations, it is imperative to spin down any condensate and mix contents thoroughly before opening tubes and withdrawing aliquots.

Mix 2.5 μ l of the DNA QuantLadder or Reverse DNA QuantLadder with the appropriate amount of 6X loading dye and distilled water (eg, for load volume of 15 μ l add 2.5 μ l QuantLadder, 2.5 μ l 6X loading dye and 10 μ l distilled water).

SimplyLoad formats: Load 5 μ l of Quant Ladder into a single lane.

Cat No.	Description	Size
50334	DNA QuantLadder	50 appl*
50335	DNA Reverse QuantLadder	50 appl
50336	SimplyLoad [®] DNA QuantLadder	50 appl
50337	SimplyLoad [®] DNA Reverse QuantLadder	50 appl

*Number of applications

For Research Use Only.

Manufactured for Lonza BioScience Rockland, Inc.

Related Products

GelStar[®] Nucleic Acid Gel Stain
Latitude[®] HT Precast Agarose Gels
Latitude[®] Precast Agarose Midgels
PAGER[®] Gold TBE Precast Gels
Reliant[®] Gel System
Lonza Agarose

For more information contact Technical Service at (800) 521-0390 or visit our website at www.Lonza.com

GelStar is covered by U.S. patent 5,436,134. Other U.S. and foreign patents pending.

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