

NEW

Express DNA Ladders

Fast and robust DNA sizing & quantification

Fermentas introduces a **new line** of the DNA Ladders – Express DNA Ladders. These Ladders are specifically designed for fast and robust sizing, and quantification of DNA fragments under a variety of agarose gel electrophoresis conditions.

Features

- **Fast** sizing and quantification of DNA fragments under a variety of electrophoresis conditions
- **Robust** – the band pattern is not affected by the composition of electrophoresis buffer, voltage and gel percentage
- **Sharp bands** – composed of chromatography-purified individual DNA fragments
- **Ready-to-use** format is stable at room temperature for 6 months
- **Supplied with** a loading dye solution for sample DNA

ZipRuler™ Express DNA Ladder Set

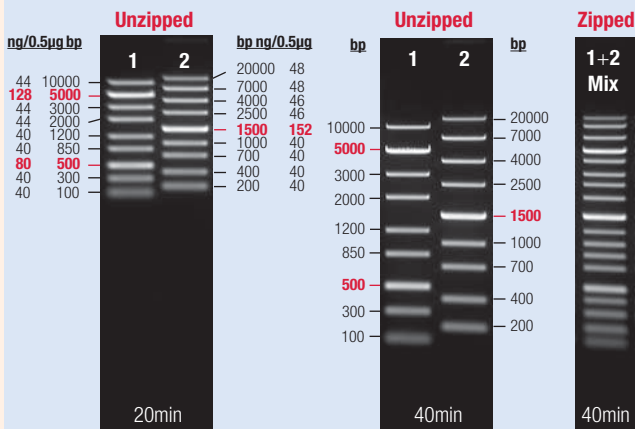
- Accurate sizing of broad range DNA fragments (100 bp – 20000 bp)
- Reference bands for easy orientation
- Supplied as a set of two ladders for fast DNA separation
- Recommended for fast restriction mapping

GeneRuler™ and O'GeneRuler™ Express DNA Ladders

- Recommended for the fastest (5-15min) sizing of DNA fragments under a variety of electrophoresis conditions
- Reference bands for easy orientation
- Range – from 100 bp to 5000 bp

NEW

ZipRuler™ Express DNA Ladder Set, ready-to-use, #SM1373



1% TopVision™ LE GQ Agarose (#R0491), 8cm length gel, 1X TAE, **7V/cm**

1 – ZipRuler™ Express DNA Ladder 1 (10 µl)

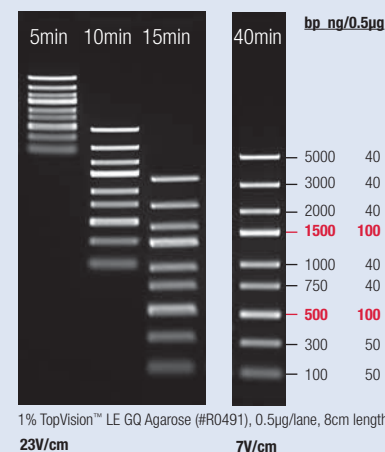
2 – ZipRuler™ Express DNA Ladder 2 (10µl)

Mix – mixture of Ladder 1 (10µl) and Ladder 2 (10µl)

NEW

GeneRuler™ Express DNA Ladder, #SM1551/2/3

O'GeneRuler™ Express DNA Ladder, ready-to-use, #SM1563



1% TopVision™ LE GQ Agarose (#R0491), 0.5µg/lane, 8cm length gel, 1X TAE

23V/cm

7V/cm

ZipRulers™ – never compromise between speed and accuracy when sizing broad range DNA!

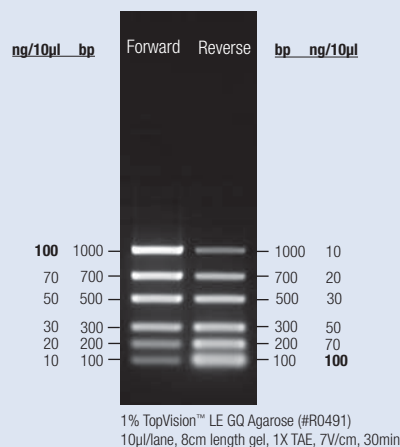
MassRuler™ Express DNA Ladders

- Recommended for accurate quantification of DNA fragments
- Available in two mass distribution patterns:
 - Forward – the mass of each DNA fragment is directly proportional to the fragment size
 - Reverse – the mass of each DNA fragment is inversely proportional to the fragment size
- Range – from 100 bp to 10000 bp

NEW

MassRuler™ Express DNA Ladder, LR Forward, ready-to-use, #SM1263

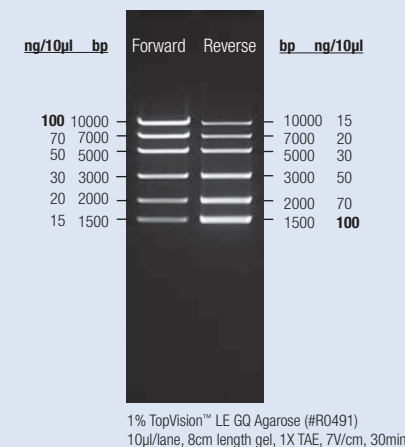
MassRuler™ Express DNA Ladder, LR Reverse, ready-to-use, #SM1273



NEW

MassRuler™ Express DNA Ladder, HR Forward, ready-to-use, #SM1243

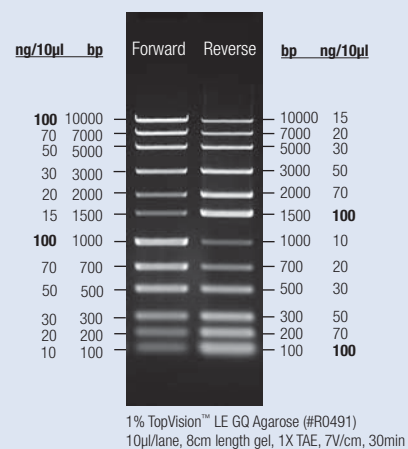
MassRuler™ Express DNA Ladder, HR Reverse, ready-to-use, #SM1253



NEW

MassRuler™ Express DNA Ladder, Mix, Forward, ready-to-use, #SM1283

MassRuler™ Express DNA Ladder, Mix, Reverse, ready-to-use, #SM1293



Product	Catalog #	Size, µl	No of applications
NEW MassRuler™ Express DNA Ladder Mix, Forward, ready-to-use	SM1283	2x500	50-200
NEW MassRuler™ Express DNA Ladder Mix, Reverse, ready-to-use	SM1293	2x500	50-200
NEW MassRuler™ Express DNA Ladder, LR Forward, ready-to-use	SM1263	2x500	50-200
NEW MassRuler™ Express DNA Ladder, LR Reverse, ready-to-use	SM1273	2x500	50-200
NEW MassRuler™ Express DNA Ladder, HR Forward, ready-to-use	SM1243	2x500	50-200
NEW MassRuler™ Express DNA Ladder, HR Reverse, ready-to-use	SM1253	2x500	50-200
NEW ZipRuler™ Express DNA Ladder Set, ready-to-use ZipRuler™ Express DNA Ladder 1 ZipRuler™ Express DNA Ladder 2	SM1373	2x50	100-200 100-200
NEW GeneRuler™ Express DNA Ladder, ready-to-use (premixed with Loading Dye Solution)	SM1553	50	100
NEW O'GeneRuler™ Express DNA Ladder, ready-to-use (premixed with Orange Loading Dye Solution)	SM1563	50	100
NEW GeneRuler™ Express DNA Ladder	SM1551 SM1552	50 250 (5x50)	100 500
6X Loading Dye Solution	R0611	5x1ml	
6X Orange Loading Dye Solution	R0631	5x1ml	
6X MassRuler™ Loading Dye Solution	R0621	5x1ml	

GeneRuler, O'GeneRuler, MassRuler and ZipRuler are Fermentas trademarks