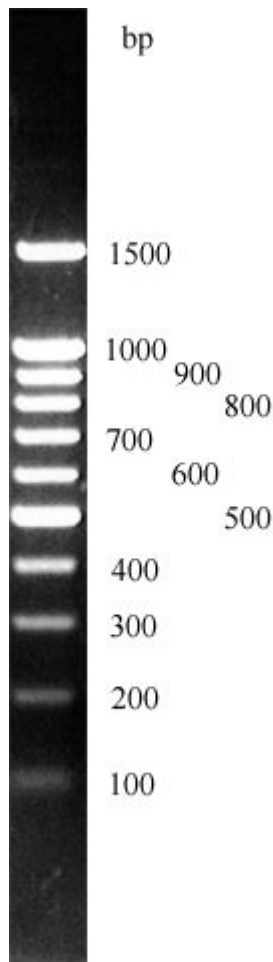


100 bp Plus Blue DNA ladder



Features:

The 100 bp PLUS DNA Marker is a pre-mixed, ready-to-load molecular weight marker containing a dye which serves as visual aids to monitor the progress of migration during agarose gel electrophoresis.

Description/Preparation:

The DNA marker consists of proprietary plasmids which are digested to completion with appropriate restriction enzymes to yield 11 bands suitable for use as molecular weight standards for agarose gel electrophoresis. The digested DNA includes fragments ranging from 100 - 1500 base pairs. The 500 bp fragment and the 1000 bp fragment are present at increased intensity to allow easy identification. All fragments are blunt-ended. The **100 PLUS DNA Ladder** was designed for precise qualitative and approximately quantification of DNA mass. There are no unspecific bands besides the fragments.

Usage: 0.25 – max. 1.0 µg

Concentration: 0,1 µg/µl

Loading: 0.25 - max. 1.0 µg/ lane in 1.2 - 2.0 % Agarose

Transportation: Shipped on blue ice or room temperature

Storage: at -20 °C for 24 months

Storage Buffer/Tracking Dye:

10 mM Tris-HCl (pH 8.0); 50 mM NaCl; 1 mM EDTA, pre-mixed with optimal blue tracking dye

Number of bands: 11 and approx. DNA Mass

base pairs	100	200	300	400	500x3	600	700	800	900	1000x2	1500
DNA mass ng	20	20	30	50	150	80	70	110	120	160	150

Ordering information:

Cat.-no	Description	Amount
304-105	100 bp PLUS DNA Ladder	50 µg/500µl
304-125	100 bp PLUS DNA Ladder	5x50 µg