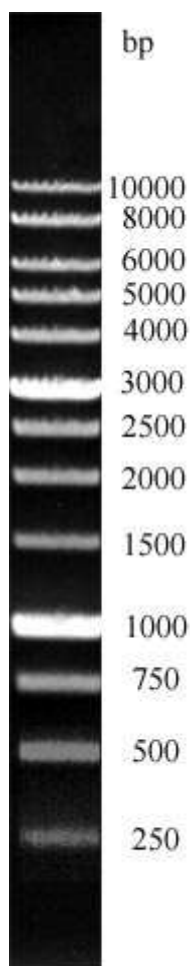


1 kb/1000bp DNA Ladder NO DYE



Features: 1000 bp / 1 kb DNA Marker from GeneON is composed of 13 individual DNA fragments which are re-dissolved in storage buffer.

Description/Preparation: The 1000 bp / 1 kb DNA Ladder has a number of proprietary plasmids which are digested to completion with appropriate restriction enzymes to yield 13 bands suitable for use as molecular weight standards for agarose gel electrophoresis. The 1000 bp / 1 kb DNA Ladder was designed for precise qualitative and approximately quantification of DNA mass. There are no unspecific bands besides the fragments. The 500 bp, 1000 bp and 3000 bp fragment are used as reference band.

Usage: 1 µg/lane

Concentration: 0,2 µg/µl

Storage Buffer: 10 mM Tris-HCl (pH 8.0), 1.0 mM EDTA, 50mM NaCl

Tracking Dye: 6X DNA Loading dye required

Loading: 0.5 - max. 1.2 µg/ lane in 1.0 - max. 2.0 % Agarose. We recommend to add the loading dye in amount 1/10 from the DNA Ladder volume

Transportation: shipped on blue ice or room temperature

Storage: at -20°C for 24 months

Gel-picture: 1 µg of 1000 bp/1 kb DNA Ladder visualized by ethidium bromide staining on 1,0 % TAE agarose gel

Number of bands: 13 fragments

Number of bands and approx. DNA Mass:

base pairs	250	500	750	1000	1500	2000	2500	3000	4000	5000	6000	8000	10000
DNA mass ng	20	30	60	210	50	60	70	200	60	60	60	60	60

Ordering information:

Cat.-no	Description	Amount
305-005	1000 bp / 1 kb DNA Ladder	50 µg/250 µl
305-025	1000 bp / 1 kb DNA Ladder	5 x 50 µg

.. a good decision ..