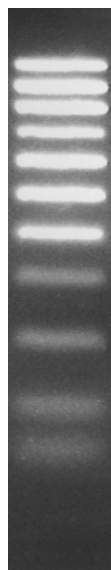


DNA Ladder 50 bp



Features: GeneON 50 bp DNA Marker is composed of 11 individual DNA fragments which are re-dissolved in storage buffer.

Description: The 50 bp DNA Ladder was designed for precise qualitative and approximately quantification of DNA mass. There are no unspecific bands besides the fragments. For easy use the 500bp fragment is used as a 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

Loading dye: No, dye

Gel-picture: 1 µg of 50bp DNA Ladder visualized by ethidium bromide staining on 1,7 % TAE agarose gel

Number of bands and approx. DNA Mass:

base pairs	50	100	200	300	400	500	600	700	800	900	1000
DNA mass ng	20	30	30	50	70	170	100	110	120	140	160

Loading: 0.5 - max. 1.2 µg/ lane in 1.7 - 2.5 % 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

Ordering Information:

Cat.-no	Description	Amount
300009	50 bp DNA Ladder	50 µg
300010	50 bp DNA Ladder	5x50µg