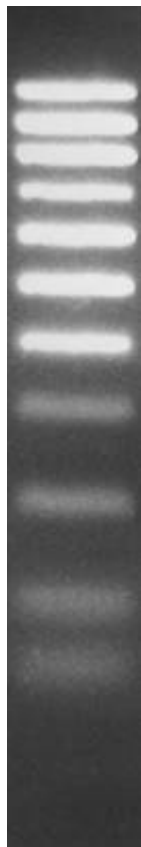


50 bp DNA Ladder

Prod. No: 3900009, 50 µg



Features: Bioswisstec 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 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: required

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

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

Ordering information:

Prod. No	Description	Quantity
3900009	50 bp DNA Ladder	50 µg
3900010	50 bp DNA Ladder	5x50µg