



DATA SHEET

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> 50bp DNA Ladder

A unique combination of PCR products and a number of proprietary plasmids digested with appropriate restriction enzymes to yield 17 fragments, suitable for use as molecular weight standards for agarose gel electrophoresis. The DNA includes fragments ranging from 50-1,500 base pairs. The 200, 500 and 1200 base pair bands have increased intensity to serve as reference points. The approximate mass of DNA in each band is provided (0.56 µg a load) for approximating the mass of DNA in comparably intense samples of similar size.

cat. no.	amount	note	DNA fragments
STS-50bp	500ul	range: 50bp to 1.5Kb	0.05, 0.1, 0.15, 0.2, 0.25, 0.3, 0.35, 0.4, 0.45, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, 1.2, 1.5 kb

SOURCE:

PCR products and double-stranded DNA digested with appropriate restriction enzymes, are phenol extracted and equilibrated to 10mM Tris-HCl (pH 8.0) and 1mM EDTA.

RANGE and BANDS:

50-1,500bp

17 bands

RECOMMENDED LOAD: 5ul/well

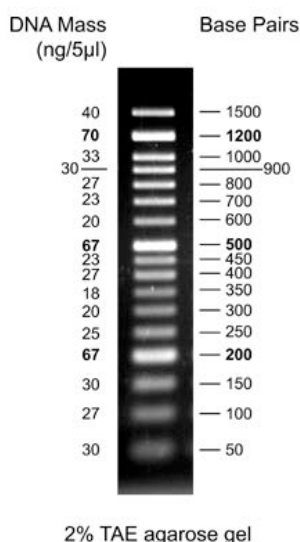
Containing orange G & xylene cyanol FF as tracking dyes.

STORE:

Store at 4°C for 12 month.

Under appropriate Storage Conditions, quality is guaranteed for 24 months at -20°C .

StoS 50bp DNA Ladder



FOR RESEARCH USE ONLY