

DATA SHEET
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> 100bp DNA Ladder

A unique combination of PCR products and a number of proprietary plasmids digested with appropriate restriction enzymes to yield 11 fragments suitable for use as molecular weight standards for agarose gel electrophoresis. The DNA includes fragments ranging from 100-1,500 bp. The 500 and 1,500 bp bands have increased intensity to serve as reference points. The approximate mass of DNA in each band is provided (0,5ug a load) for approximating the mass of DNA in comparably intense samples of similar size.

cat. no.	amount	note	DNA fragments
STS-100bp	500ul	range: 0.1 to 1.5Kb	0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1, 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:

100-1,500bp
 11 bands

RECOMMENDED LOAD: 5ul/well

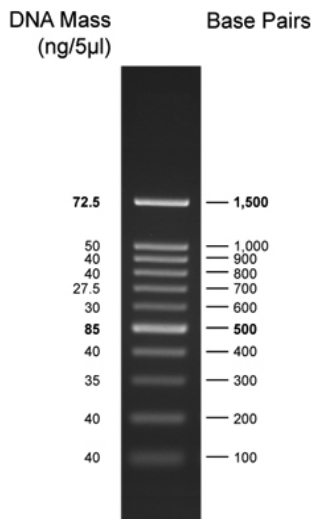
Containing orange G & xylene cyanol FF as tracking dyes.

STORE:

Store at 25°C for 6 month.

Under appropriate Storage Conditions, quality is guaranteed for 6 months at 25°C and 24 months at -20°C.

StoS 100bp DNA Ladder



1.7 % TAE agarose gel

FOR RESEARCH USE ONLY