

> 100bp DNA Ladder GL (Green Line)

A unique combination of PCR products and a number of proprietary plasmids digested with appropriate restriction enzymes to yield fragments suitable for use as molecular weight standards for agarose gel electrophoresis. The ladder is supplied in a ready-to-use format containing the fluorescent DNA stain and tracking dyes. High quantum yield and excellent stability make the fluorescence dye the ideal fluorophore for DNA staining applications and a superior replacement for the widely used dyes, ethidium bromide or SYBR® Green I. DNA ladders are ready to load and allow quantification of your band on agarose gel.

| cat. no. | amount | note | DNA fragments |
|--------------|--------|---------------------|--|
| STS-100bp GL | 600ul | range: 0.1 to 3.0Kb | 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1, 1.5, 3.0Kb |

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:

100-3,000bp

12 bands

RECOMMENDED LOAD: 6ul/well

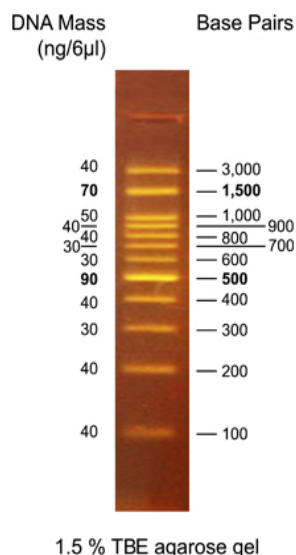
Containing orange G & xylene cyanol FF as tracking dyes.

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 GL



FOR RESEARCH USE ONLY