RECOMMENDATIONS FOR USE

- Vortex gently just prior to use.
- Prepare the DNA Marker before loading:
  1µl (0.5µg) of the DNA Marker;
  1µl of 6X Loading Dye Solution;
  4µl of deionized water.
- Heat for 5min at 65°C and then cool on ice for 3min (*see Note*).
- Apply the prepared amount (6µl) of the DNA Marker on a 5mm lane of agarose gel.
- Following electrophoretic separation on gel, visualize the DNA bands by ethidium bromide staining.

Note

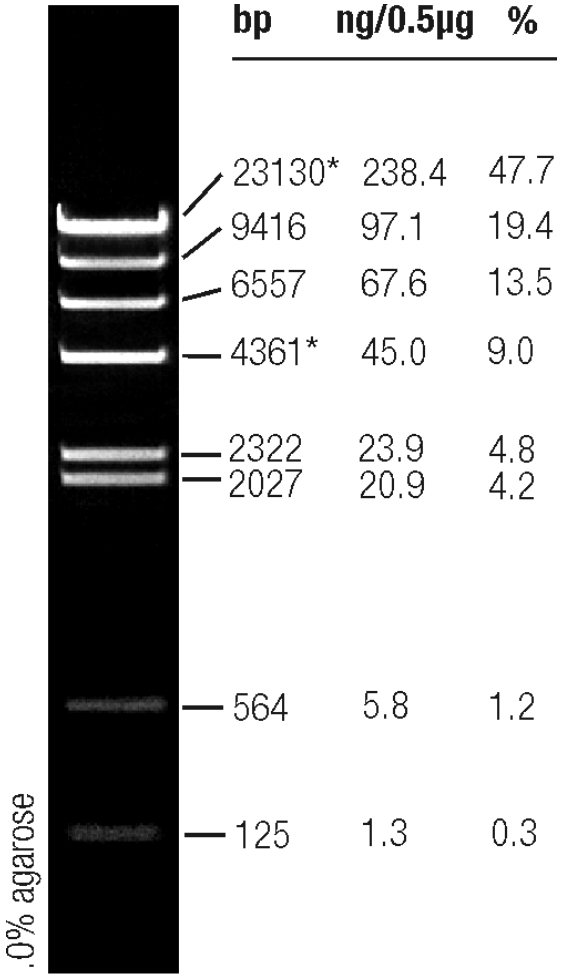
- One vial (50µg) is sufficient for ~100 applications.
- Use 0.1µg (0.2µl) of the DNA Marker (before dilution) per 1mm of agarose gel lane width.
- The cohesive ends of the 12nt *cos* site of bacteriophage lambda from fragments of 23130 bp and 4361 bp (indicated*) may anneal and form an additional band at 27491bp. These fragments can be separated by heating at 65°C for 5min and then cooling on ice for 3min.

PRODUCT USE LIMITATION.

This product is developed, designed and sold exclusively *for research purposes and in vitro use only*. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.

Please refer to www.fermentas.com for Material Safety Data Sheet of the product.

Lambda DNA/HindIII Marker, 2



0.5µg/lane,
8cm length gel,
1X TAE, 7V/cm, 45min

Revised 15.10.2004