

## DATA QUALITY SHEET



### 100 bp DNA Ladder

*FOR RESEARCH USE ONLY*

*Cat. GC-015-004*

#### DESCRIPTION

The 100 bp DNA ladder is suitable for sizing linear double-stranded DNA fragments from 100 to 1000 bp. The 10 bands of the ladder contain fragments with the following sizes: 100, 200, 300, 400, 500, 600, 700, 800, 900 and 1000 bp.

The recommended amount of size marker to load on an agarose gel is 0.5-1 µg per lane (5-10 µl).

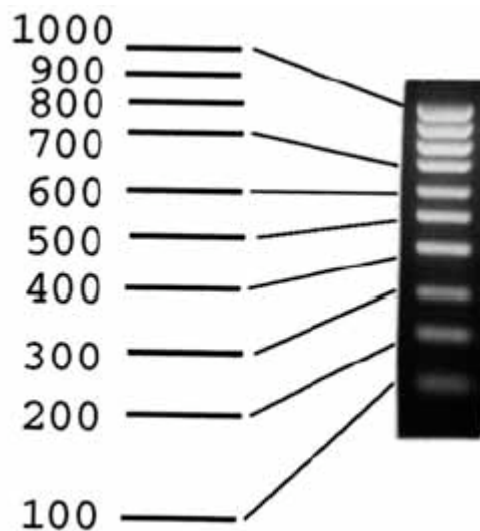
To demonstrate the mobility of the DNA fragments, 1µg of marker were loaded onto a 1% agarose gel.

#### CONCENTRATION

1 µg/10 µl

#### PACK SIZE

50 µg in 500 µl (100 rxns) loading buffer (0.25% bromphenolblue, 0.25% xylene cyanol FF, 40% sucrose in water).



#### EXPIRY DATE

Half-Life two years

#### FUNCTIONAL ANALYSIS

Tested functionally in a unit activity test.