

DATA QUALITY SHEET



λ DNA Marker, EcoR I digest

FOR RESEARCH USE ONLY
Cat. GC-015-006

DESCRIPTION

EcoR I λ DNA Marker consists of 6 fragments ranging in size from 3530 to 21226 bp. Their asymmetric distribution makes determination of molecular weight easier. Two fragments (3530 and 21226 bp) containing the cos sites of bacteriophage lambda may hybridise to each other resulting in an additional band at 24756 bp. This can be avoided by heating the marker to 80°C for 15 minutes and cooling on ice.

STORAGE TEMPERATURE

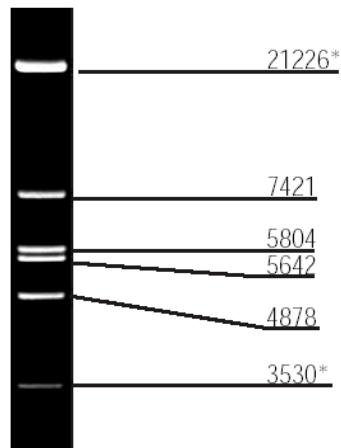
Store at +4°C to -20°

STORAGE BUFFER

100 µg in 1 ml (100 rxns) loading buffer (0.25% bromophenol blue, 0.25% xylene cyanol FF, 40% sucrose in water).

ASSOCIATED ACTIVITIES

The marker is ready to use. Load 10µl in one lane.
To demonstrate the mobility of the DNA fragments, 1µg of marker was loaded into a 0,7% agarose gel.



FUNCTIONAL ANALYSIS

Tested functionally in a unit activity test.