



**Cat# M107R-1/ M107R-2**

**Product Name: DNA 100 bp Marker (Ready-to-use)**

**Size:** 100 Loadings/ 5X100 Loadings

**Description:** The DNA 100 bp Marker consists of 11 fragments ranging from 100-1500 base pair (BP). The intensity of 500 bp band has been increased to serve as a reference. This 100 bp Marker is specially prepared for visualizing small DNA fragments on the gel.

**Recommended Loading:** 6 $\mu$ l

**Storage Buffer:** 10mM Tris-HCl, pH 8.0. 1mM EDTA, 1 x loading buffer (5% Glycerol, 0.02% bromophenol blue, 0.02% xylene cyanol.).

**Concentration:** 500ng/6 $\mu$ l

**Storage:** -20°C

1.5% agarose gel

**Quality Control:**

**a)** Agarose gel analysis shows that the bands between 100 bp and 1500 bp are distinguishable.

**b)** Incubation of 6 $\mu$ l of DNA 100 bp Marker in restriction enzyme buffer overnight at 37°C shows absence of visible degradation.