

	Technical data sheet	Ref : SMGBM-1KRL
		Page : 1/1
		Version date : 04/06/19

SMG 1000bp /1kb DNA LADDER BLUE

A pre-mixed, ready-to-load molecular weight marker containing a blue tracking dye to visualise and monitor the process of DNA migration during agarose gel electrophoresis. Consists of plasmids that are digested with restriction enzymes to yield 13 bands for use as molecular weight standards during agarose gel electrophoresis that range in size from 250 to 10,000 base pairs. The 1.000 bp and 3.000 bp fragments have increased intensity relative to the other bands on ethidium bromide-stained agarose gels and serve as reference indicators. All fragments are blunt-ended. Available in a pack of 5, each with the mass of 50µg/500µl.

CAT No.: SMGBM-1KRL

Size: 1000bp or 1kb

Concentration: 0.1 µg/µl

Mass: 50µg/500µl per tube

Content: Storage Buffer

- 10 mM Tris-HCl (pH 8.0), 1.0 mM EDTA, 50mM NaCl, optimized blue loading dye

Application: Agarose Gel Electrophoresis

Number of bands: 13

Loading: 0.25 - max. 1.0 µg/ lane in 1.0 - max. 2.0 % Agarose

Transportation: shipped on blue ice or room temperature

Features:

- Ready-to-load
- Contains blue tracking dye
- Composed of 13 individual DNA fragments which are re-dissolved in storage buffer

Storage: Store at -20°C for at least 24 months