

Universal DNA Marker (100 bp ~ 10,000 bp, with loading dye)

Cat. #: W2583-50 (50 rxn); W2583-100 (100 rxn); W2583-500 (500 rxn)

Storage: Ship at 4°C. Store at **-20°C** for up to 2 year. For frequent use, store at **4°C** for up to 6 months. Avoid freeze-thaw cycles.

	Cat.#: W2583-50	Cat.#: W2583-100	Cat.#: W2583-500
Universal DNA Marker	250 µL / vial x 1, 50 rxn	500 µL / vial x 1, 100 rxn	500 µL / vial x 5, 500 rxn

Product Description:

Universal DNA Marker contains 10 DNA fragments, 10,000 bp, 5,000 bp, 3,000 bp, 2,000 bp, 1,500 bp, 1,000 bp, 750 bp, 500 bp, 250 bp, and 100 bp. This is a DNA solution with 1 × Loading Buffer. Directly load 5 µL Universal DNA Marker to electrophoresis gel when using. The **1,000 bp band is ~ 150 ng / 5 µL** and much brighter than the other bands as a visible reference indicator. **The other DNA bands are ~ 50 ng / 5 µL.** This product is for research use only.

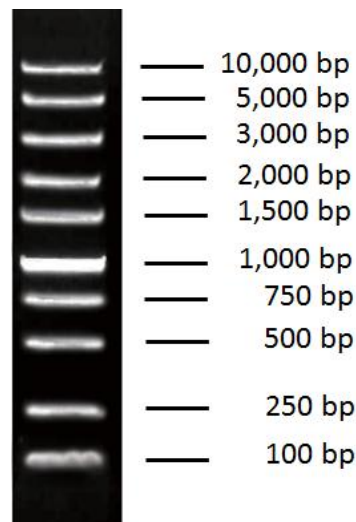
Note:

1. Do not heat before loading.
2. Please use fresh electrophoresis buffer and agarose gel for the best result.
3. High quality agarose should be used to avoid effecting the DNA bands and the recommended agarose gel concentration is 1% ~ 3%, recommended voltage is 4 ~ 8 v / cm.
4. This product is not for diagnostic use. The safety and efficacy of this product in diagnostics or other clinical uses have not been established.

Protocol

Per reaction, **load 5 µL** of Universal DNA Marker on agarose gel to the well of agarose gel. If the well is wider than 6mm, increase the sample volume proportionally (1 µL / mm). Run electrophoresis.

The gel image shown is 5 µL of Universal DNA Marker separated by 1% agarose gel. -- The end --



Related products:

- 1) Mouse Tail DNA extraction kit, 20 min. ready for PCR. (Cat. # T605 / Fisher Sci. Cat. #: NC1596514)
- 2) Mouse Tail Genomic DNA Kit (purified lysis) (50 preps) Cat. #: W2094
- 3) Single Cell Whole-Genome Amplification (WGA) Kit, 24 rxns Cat. #: W2844
- 4) 10-Min. Tissue / Cells Genomic DNA Extraction Kit, Cat. # T6008