

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 --

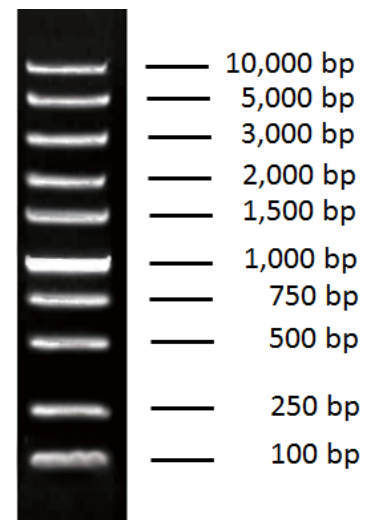
Our best-selling products: see back.

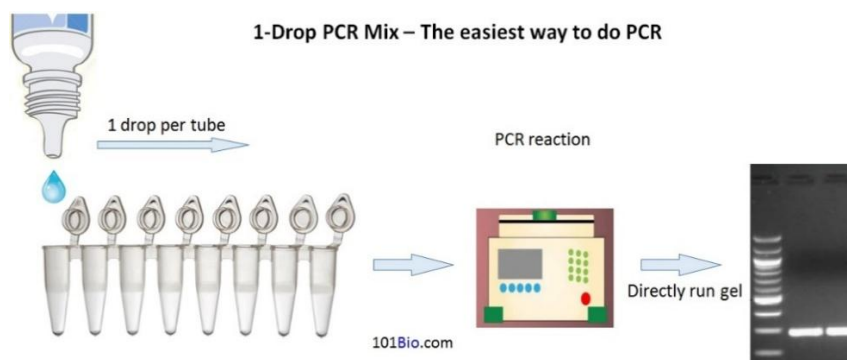
① Mouse Tail DNA extraction kit, **Crude Lysis**. Cat. # T605 / Fisher Sci. # NC1596514, *free sample available*

② Mouse Tail Genomic DNA Kit, **Purified Lysis**. Cat. # W2094

③ **Squeeze-1-Drop Do PCR Master Mix** Cat. # 2599-5, FisherSci # NC1100436, *free sample available*

④ 2x Genotyping PCR Ready Master Mix Cat. # T403, FisherSci # NC1596513





10x Virus Titer Booster	Increases virus titer up to 10-folds # P906 / P909 / Fisher # NC1792390
Virus Concentration Solution	Lentivirus / Retrovirus Virus Concentration Solution Cat. # P904C FisherSci # NC3242189
Virus Transduction Enhancer	Virus Transduction Enhancer ~ up to 10-fold Cat. # P920
Lentiviral Expression Vectors	4 promoters: SFFV, CAG, CMV, EF1. 4 selections
Water Bath / Tub Disinfection	1 tablet cleans for 1 week Cat. # T20 FisherSci # NC3352917
Squeeze-1-Drop PCR Master Mix	Cat. # 2599-5, FisherSci # NC1100436, free sample available
Cell Tracer	TriColor Cell Tracer (Red, Yellow, Green) Cat. # P710
3D Gel better than Matrigel	TriStiff 3D Cell Culture Gel (Versatile for Diverse Cells) # P720
Cell Immortalization	SV40T / hTERT Cell Immortalization Kits. Simple & Reliable
Plasmid Miniprep	Endotoxin-Free Plasmid Miniprep Kit, Cat. # W2106-50 FisherSci. # NC1492021