

Product Description

dNTP Mix is a premixed solution prepared by equimolar blending of high-purity dATP, dCTP, dGTP and dTTP. It is applicable to a variety of routine molecular biology reactions requiring high-purity dNTP, such as PCR, Real-time PCR, RT-PCR, cDNA synthesis, general DNA synthesis, primer extension reaction, DNA sequencing and DNA labeling.

This product is a colorless sodium salt solution formulated with ultrapure water. Its purity is $\geq 99\%$ as determined by HPLC. It is free of DNase, RNase, phosphatase and other nuclease contaminants, and is suitable as a substrate for various PCR-related reactions.

Components

Components	BR1A802-01	BR1A802-02
dNTP Mix (10 mM each)*	1 mL	5 mL

*The concentration of each dNTP in this product is 10 mM.

Storage

Store at $-20\pm 5^{\circ}\text{C}$.

Notes

1. For Research Use Only. Not for use in diagnostic procedures.
2. Mix thoroughly before use and avoid repeated freeze-thaw cycles.
3. It is recommended to operate on ice, and store at -20°C after use.
4. For your safety and health, wear disposable gloves when handling this product in the designated experimental area.

Reference Protocol

Component	25 μL reaction	50 μL reaction	Final concentration
dNTP Mix (10 mM each)	0.5 μL	1 μL	200 μM
	1.25 μL	2.5 μL	500 μM
	2.5 μL	5 μL	1000 μM