

dUTP Solution (100 mM)

Product information

Product Name	Catalog No.	Specification
dUTP Solution (100 mM)	10128ES74	400 μ L
	10128ES80	1 mL
	10128ES96	25 mL

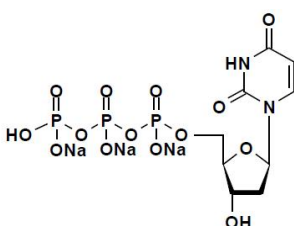
Product description

dUTP, or 2'-deoxyuridine 5'-triphosphate, is commonly used as a substitute for dTTP in PCR, qPCR, RT-PCR, and RT-qPCR reactions, resulting in amplification products that contain uracil. The addition of Uracil-N-Glycosylase (UNG, also known as UDG) to the amplification system can excise uracil from any contaminating amplification products, thereby preventing false-positive results.

This product is provided as a sodium salt solution prepared in ultrapure water, with the pH adjusted to 7.0 using high-purity NaOH solution. The concentration is 100 mM.

The purity of this dUTP is $\geq 99\%$ (tested by HPLC), and it is free from DNase and RNase contamination. This ready-to-use product can be directly applied to PCR and other routine molecular biology reactions.

Product properties

Synonym	2'-Deoxyuridine-5'-triphosphate, sodium salt solution
CAS NO.	102814-08-4
Purity	$\geq 99\%$
Appearance	Colorless and transparent solution
Structure	

Shipping and Storage

Shipped with ice packs. Store at -25°C to -15°C . Avoid repeated freeze-thaw cycles. Valid for 2 years.

Precautions

1. The product can be thawed at room temperature. After thawing, it should be kept on ice or in an ice bath. Store at -20°C immediately after use.
2. For your safety and health, please wear a lab coat and disposable gloves when handling this product.
3. This product is for research use only!