



Ver. HB221103

## dUTP Solution (100 mM)

### Product description

dUTP, or 2'-deoxyuridine 5'-triphosphate, is commonly used in PCR, qPCR, RT-PCR and RT-qPCR to replace dTTP, so that the product of amplification contains uracil. When the UDG is added to the amplification reaction system, the uracil of any contaminated amplification products can be removed, so as to avoid the false positive.

This product is in the form of solution sodium salt, prepared with ultrapure water, and adjusted to pH value of 7.0 with high-purity NaOH solution, with a concentration of 100 mmol/L.

The purity of dUTP was  $\geq 99\%$  (HPLC), and there was no DNase and RNase pollution. This product is ready to use and can be directly used in PCR and other conventional molecular biological reactions.

### Components

| Components No. | Name                   | 10128ES74   | 10128ES80 | 10128ES96 | 10128ES97 |
|----------------|------------------------|-------------|-----------|-----------|-----------|
| 10128          | dUTP Solution (100 mM) | 400 $\mu$ L | 1 mL      | 25 mL     | 400 mL    |

### Specifications

|                            |                   |
|----------------------------|-------------------|
| Concentration              | 100 mM            |
| CAS NO.                    | 18423-43-3        |
| Form                       | Liquid            |
| Purity                     | >99%              |
| Label or Dye               | Unlabeled         |
| For Use With (Application) | PCR Amplification |

### Shipping and Storage

The product is shipped with dry ice and can be stored at  $-25^{\circ}\text{C} \sim -15^{\circ}\text{C}$  for 2 years. Please avoid repeated freeze-thaw.

### Notes

1. Dissolve at room temperature, store in ice box or ice bath after dissolution, and store at  $-20^{\circ}\text{C}$  immediately after use.
2. For your safety and health, please wear lab coats and disposable gloves for operation.
3. his product is for research use ONLY!