

SPECIFICATION SHEET

Product Name: NTP Solution Set (100 mM)**Catalog # NT01-M29A**

Product Description:	SignalChem Diagnostics NTP Solution Set (100 mM) is a collection of four separate solutions (ATP, CTP, GTP, and UTP), 100 mM each. These high-purity nucleotides ($\geq 99\%$) are DNase- and RNase-free, prepared from their trisodium salts in a clear, colorless solution ($\text{pH } 7.0 \pm 0.1$ at 25°C). They are ideal for various molecular biology applications, including in vitro transcription, RNA amplification, siRNA synthesis, and they also serve as substrates or coenzymes for a range of enzymatic reactions.
Components:	ATP Solution (100 mM): 1 mL UTP Solution (100 mM): 1 mL CTP Solution (100 mM): 1 mL GTP Solution (100 mM): 1 mL
Shipping & Storage:	Store at $-25^\circ\text{C} \sim -15^\circ\text{C}$ for up to 1 year.
Additional Information:	1. Thaw at room temperature. Once thawed, keep the products on ice. Store at -20°C immediately after use. 2. For research use only. 3. Use appropriate personal protective equipment (PPE), such as a laboratory coat and gloves, and follow proper disposal protocols.

Version: 1.0