

dUTP - 100 mM
Cat. No: MX4503-100

Product Information Leaflet

Description

MedixMDx 2'-deoxyuridine-5'-triphosphate (dUTP) sodium salt solution is a clear aqueous solution (pH 8.5) with greater than 99% purity. The solution is free of human and bacterial DNA as well as RNases and DNases. This ensures robust performance and reproducible results.

The dUTP solution is suitable for a variety of molecular biology applications such as uracil-DNA N-glycosylase-based decontamination, DNA sequencing, DNA labeling, PCR, real-time PCR, long-range PCR, cDNA synthesis, and RT-PCR. The dUTP solution is also suitable for isothermal nucleic acid amplification technologies (INAATs).

Formula

dUTP: $C_9H_{12}N_2O_{14}P_3$ (anion).

Molecular weight

dUTP: 465.12 g/mol (anion).

Kit components

Component	*MX4501-100 100 mM
100 mM dUTP	1 mL

*Other pack sizes or bulk orders are available upon request.

Storage and shipment

Transport with an ice pack or on dry ice (for shipments taking more than 2 days). The reagent should be stored between -30°C and -15°C upon arrival. The reagent is stable for 12 months if stored correctly.

Technical information and support

For technical enquiries or assay development support, please contact us via e-mail at: mdx@medixbiochemica.com. Additional information and technical resources are available on our website at: www.medixbiochemica.com/en/MedixMDx.