

T4 Polynucleotide Kinase

Catalog: E-116

Lot: 1

Quantity Supplied: 10 mg in 1.47 ml storage buffer.

Total Units Supplied: approximately 1,330,000 units

Enzyme Activity: approximately 133,000 units/mg

Concentration: 6.8 ug/ul or 900 units/ul

Storage Buffer: 20 mM Tris-HCl, pH 8.0, 100 mM NaCl, 10 mM mercaptoethanol, 0.10% Triton X-100, 25% glycerol.

Purity: greater than 98% as determined by SDS-PAGE gel analysis

Storage: -20 °C or below.

Description: T4 polynucleotide kinase catalyzes the phosphorylation of the 5'-hydroxyl terminus of DNA in the presence of ATP.

Recommended Use: This is a highly concentrated preparation of enzyme. Dilutions of this preparation of 10 fold may be more convenient for routine use. For example, 1 ul of a 10 fold dilution may be used in a 25 ul reaction volume.

This product does not contain bovine serum albumin.

Made in USA by Edward Hyman

BAYOU BIOLABS, LLC

4724 Hessmer Avenue, Metairie, LA 70002, USA

phone 504-723-1703

support@bayoubiolabs.com

www.bayoubiolabs.com