



## Lyticase

Cat. No.	size
E0329-01	50 preps (2500 U)
E0329-02	100 preps (5000 U)

### Unit Definition:

One unit will produce a  $\Delta A_{800}$  of 0.001 per min at pH 7.5 at 25 °C, using a 3 ml 0.1 % (w/v) suspension of yeast (*Saccharomyces cerevisiae*) as substrate in a 3 ml reaction mixture.

**Storage Conditions:** Store at -20°C

**Applications:** digestion of the fungal cells (sferoplasts formation) and as a component of lysis buffers for DNA/RNA purification.

### Storage buffer:

20 mM Tris pH 8.0, 50 mM NaCl,  
50 % glycerol (v/v).

Lyticase is 1,3- $\beta$ -Glucan glucohydrolase from *Arthrobacter luteus* for lysis of the fungal cell wall. Recommended to be used in DNA purification kits (Bacterial & Yeast Genomic DNA Purification Kit E3580) and RNA purification kits (Universal RNA Purification Kit E3598 and Universal DNA/RNA/Protein Purification Kit E3597). Lyticase is suspended in the storage buffer and is ready to use (5 U /  $\mu$ l, 20 mM Tris pH 8.0, 50 mM NaCl, 50% glycerol). Add 50 U (10  $\mu$ l) of lyticase to the lysis buffer per one DNA/RNA preparation according to the manual provided with DNA/RNA purification kit.

This product is developed, designed and sold exclusively for research purposes and in vitro use only.