



## Proteinase K

**Cat. No:** TTG-PKP01

**Size:** 20 mg/vial

**Format:** Powder

**Storage:** Store the lyophilized protein at 2-8°C for up to 1 year and  $\leq -20^{\circ}\text{C}$  for 18 months.

## Introduction

Proteinase K is a nonspecific serine protease with very high specific activity. It is active with or without the presence of SDS, EDTA, and urea over a wide pH range (4–12.5).

## Applications

Isolation of high molecular weight DNA, isolation of RNA, or isolation of plasmid and genomic DNA.

## Product Source

Tritirachium album

## Instruction

Lyophilized powder is recommended to dissolve in 20mM Tris-HCl, 30mM NaCl, 50% Glycerol, 5mM CaCl<sub>2</sub>, pH 7.2-7.4.

The product is for research only; not for diagnostic or clinical use.