

Proteinase K Solution, 5 x 1 mL
(20 mg/mL)
Product # 28229

Product Insert

Description:

Proteinase K is a very active and highly stable endopeptidase. The enzyme belongs to serine proteases and it cleaves peptide bonds following aliphatic, aromatic or hydrophobic amino acids. The enzyme is active in the presence of 1% SDS, 1% Triton X-100, 4M Urea, 3M Guanidine HCl or 5% Tween-20. Norgen's Proteinase K Solution is stable and ready-to-use.

Quality Assurance:

Norgen's Proteinase K Solution is tested for the absence of endo- and exonuclease and ribonuclease activity.

Molecular weight: 28.9 kDa

Applications:

- Degradation and inactivation of DNases, RNases and other proteins during nucleic acid isolation.
- Activation of bacterial autolytic factor to promote cell lysis.
- Modification of cell surface proteins and glycoproteins for membrane surface analysis.

Reagents supplied:

5 x 1 mL at a concentration of 20 mg/mL

Storage Conditions:

Norgen's Proteinase K Solution should be stored at 4°C.

Working concentration, pH and temperature:

0.05-1 mg/mL, pH of 4.0-12.5 (optimum at pH 8), temperature range of 37-60°C (optimum at 55°C).

Precautions and Disclaimers:

This product is designed for research purposes only. It is not intended for human or diagnostic use.

Technical Support

Contact our Technical Support Team between the hours of 8:30 and 5:30 (Eastern Standard Time) at (905) 227-8848 or Toll Free at 1-866-667-4362. Technical support can also be obtained from our website (www.norgenbiotech.com) or through email at techsupport@norgenbiotech.com.