

Ribonuclease A, 10 mg/ml Solution, 5ml**PG-668-5ML**

Ribonuclease A (RNase A), 10 mg/mL Solution is a ready-to-use enzyme solution used to selectively degrade RNA in DNA purification and molecular biology workflows. It provides efficient removal of RNA contaminants, improving DNA quality for downstream applications. Store at **-20 °C** and avoid repeated freeze-thaw cycles to maintain enzyme activity.

Details

Product Name	Ribonuclease A (RNase A), 10 mg/mL Solution
Description	A highly purified endoribonuclease that specifically degrades single-stranded RNA. Commonly used to remove RNA contamination during DNA purification and molecular biology procedures.
Molecular Weight	13.7 kDa
Appearance	Clear, colorless to slightly yellow solution
Formula	Protein enzyme (no fixed molecular formula)
Solubility	Fully soluble in aqueous buffers
pH	6.5–7.5
CAS Number	9001-99-4
Storage Condition	Store at -20 °C for long-term storage. May be stored at 2–8 °C for short-term use. Avoid repeated freeze-thaw cycles.
Applications / Uses	Used for removal of RNA during plasmid DNA purification, genomic DNA isolation, PCR sample preparation, molecular cloning, and other molecular biology applications.

Safety

May cause irritation to eyes, skin, and respiratory tract. Enzyme preparations may cause allergic reactions in sensitive individuals. Wear appropriate PPE including gloves, lab coat, and safety goggles. Avoid inhalation and direct contact. Store tightly closed and handle according to standard laboratory safety practices.