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Datasheet for ABIN7448222

## Proteinase K Solution

### Overview

Quantity:	1 mL
Application:	DNA Isolation (DNAiso), Protein Digestion (PD)

### Product Details

Specificity:	30-40 Units/mg dry weight
Characteristics:	<p>Proteinase K is one of the most active endopeptidases known. It rapidly inactivates endogenous nucleases including RNases and DNases making it suitable for the degradation of proteins during the isolation and manipulation of RNA and DNA. Proteinase K may also be used to permeabilize cells and tissues prior to labeling with in situ Apoptosis Detection Kits. Permeabilization of the sample by Proteinase K creates pores in the cell membrane and facilitates access to the DNA by biotinylated dNTPS.</p>
Purity:	> 95% (reducing SDS-PAGE)
Biological Activity Comment:	Active between 37 - 70 °C

### Target Details

Molecular Weight:	29.3 kDa
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### Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	20 mg/mL
Storage:	-20 °C
Storage Comment:	-25°C to -15°C
Expiry Date:	36 months