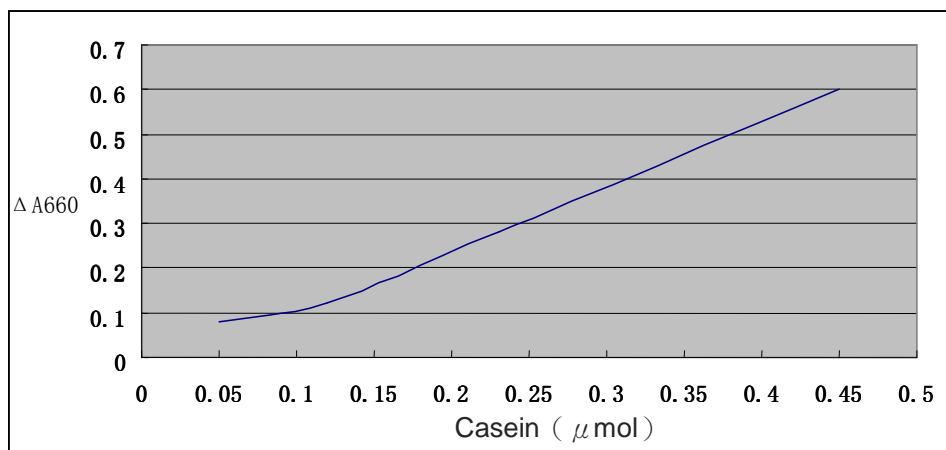


CERTIFICATE OF ANALYSIS

Product **Proteinase K**
CAS# **39450-01-6**
CAT# **AP1810**
Lot# **JFEB27**

Activity: >40 units/mg protein (hemoglobin, pH7.5, 37oC)



Test Items	Specifications	Results
Appearance	White lyophilized powder	
DNase(Nicking activity;Pbr 322; 37°C), RNase activity	None detectable	
Exonucleases	None detectable	

Storage: Store at -20°C . Protect from moisture.

Features: Proteinase K is used for the destruction of proteins in cell lysates (tissue, cell culture cells) and for the release of nucleic acids, since it very effectively inactivates DNases and RNases.

Usage: In presence of 0.5-1.0% SDS Proteinase K inactivates DNases and RNases in eukaryotic and microbiological cell cultures. The use of Proteinase K during lysis of the cells allows the isolation of intact highly-molecular nucleic acids.

Stock conc.:10-20mg/mL

Working conc.: 10-100ug/mL