

Sphingomyelinase from Microorganism

Product Information

Cat#	DIA-417
Source	Microorganism
Form	Powder
Activity	≥ 220.0 U/mg
Isoelectric point	8.6
Storage	-25 °C to -15 °C
Enzyme Commission Number	EC 3.1.4.12
Purity	≥ 90.0% (SDS-PAGE)
pH Stability	pH 6.0–8.0 (37 °C, 60 min)
Michaelis Constant	2.4×10^{-5} M (Sphingomyelin)
Optimum pH	8.0
Optimum temperature	45 °C
Thermal stability	Below 40 °C (pH 7.5, 30 min)
Inhibitors	EDTA
Applications	For enzymatic determination of small and density low density lipoprotein when coupled with alkaline phosphatase and choline oxidase.
Appearance	White amorphous powder
Molecular Weight	36 kDa (SDS-PAGE)
Notes	Expiration date: 12 months
Package	10/100/500/1000 KU