



High-fat sample Protein Extraction Kit

High-fat sample Protein Extraction Kit is suitable for extracting total protein from various animal tissues with high fat content, such as adipocytes, fatty liver cells, brain, fat, fatty liver, connective tissue, thymus tissue and other animal tissues. The extraction process is simple and convenient and can be completed within 1 hour. The unique formula contained in this kit can effectively dissolve cell membrane components, including cytoplasmic membrane, nuclear membrane and various organelle membranes. The protease inhibitor mixture contained in this kit prevents the degradation of protein by protease and provides a guarantee for the extraction of high-purity protein. The protein extracted by this kit can be used for downstream protein research experiments such as Western Blotting, protein electrophoresis, immunoprecipitation, ELISA, transcriptional activity analysis, Gel shift gel retardation experiment, and enzyme activity assay. The protein extracted by this kit is an active protein with a natural protein conformation, and has a wide range of downstream applications. The ability of the extract to lyse cells is mild, and the lysis time needs to be optimized according to the actual sample conditions.

This kit does not contain EDTA, therefore this kit is compatible with downstream applications such as metal chelation and chromatography.

Catalog No.	501112
Size	50 preps
Product Category	Protein Isolation
Storage/Stability	2-8°C / 1year
Shipping	Gel Packs