Sample Deproteinizing Kit (TCA)

To remove proteins from various sample types.

It is a fundamental requirement in biochemistry and related fields to be able to remove those constituents of the sample under investigation which will interfere with analysis in any of several ways, both physical and chemical. When the analyte in question is a small molecule, the presence of macromolecules such as proteins, nucleic acids and carbohydrates can seriously impair analysis. Proteins are usually removed by precipitation using one of several chemicals including acetone, perchloric acid, metaphosphoric acid, sulfosalicylic acid or trichloroacetic acid (TCA). TCA precipitation is a common method for protein precipitation or deproteinization in biological samples. TCA precipitates proteins by lowering the sample pH drastically. After removal of precipitated proteins, the pH of the sample is neutralized with a neutralization buffer that is provided in the kit. AkrivisBio's TCA Sample Deproteinizing Kit provides a simple, quick and easy way to remove proteins from samples for use in assays to measure small molecules, such as lipids, metabolites etc.

Ordering Information

Order Online »

AKR-PI-0102	200preparations

Manuals, SDS & CofA

View Online »

Handling & Storage

Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Species Reactivity	Species independent
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

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