CREATIVE BIOMART®
Assay Kit

Deproteinizing Sample Preparation Kit

Product Information

Cat.No. Kit-0726

Product Overview

Deproteinizing Sample Preparation Kit is used for removing proteins from samples.

Description

The presence of protein and various enzyme activities frequently interferes with the analysis of small molecules in biological samples. Many bioassays require removal of proteins from samples prior to analysis.Among the deproteinization protocols developed over the last half century, perchloric acid (PCA) precipitation has been extensively used in many different sample preparation procedures, since not only does it remove most of the protein present but it also functions to stabilize many of the small molecule analytes. PCA deproteinization methods have been successfully used in the preparation samples prior to quantitation of an array of small molecules, including glycogen, ATP, cAMP, glutathione, antioxidants, etc. The newly designed Deproteinizing Sample Preparation Kit utilizes a PCA precipitation method, providing a unique tool to prepare samples for the analysis of a variety of small molecules. Using the kit, proteins are precipitated, excess PCA is removed, samples are neutralized. Samples prepared using this kit can be directly used in a wide variety of bioassays. The method is easy, convenient, and can be used for the preparation of a large number of samples.

Target Species

Mammals

Usage

For research use only (RUO)

Storage

Store kit at 4°C. Keep kit components ice while in use. There may be some precipitation in the neutralization buffer. Shake bottle gently a few times to resuspend before using.

Kit Components

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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PCA. Cap code: WM. 20 mlNeutralization Solution. Cap code: NM. 4 ml

Compatible Sample Types

Cell lysate, Serum, Tissue Homogenate, Urine

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