

ZINC SULPHATE DEPROTEINIZING ASSAY KIT

KB03028-10/25/50 Tests

DESCRIPTION AND USE

Proteins may interfere with some assays, affecting accuracy and sensitivity. When ultrafiltration cannot be done, other chemical removal alternatives can be considered. **BQC Zinc Sulphate Deproteinizing Kit** is recommended for the deproteinization of samples prior to assaying low molecular weight metabolites.

The **BQC Zinc Sulphate Deproteinizing Kit** ensures a protein removal efficiency over 99 % with no sample dilution and do not require pH correction. **The volume of sample required per test is 400 µL.** The number of vials provided equals the number of samples to be used.

MATERIALS SUPPLIED

Item	No. Tests	Quantity
Zinc Sulphate	10	10
	25	25
	50	50

STORAGE AND STABILITY

On receipt store kit components at RT. Do not use after the expiration date stated on the packaging.

RELATED PRODUCTS

Product	Reference
Catalase Activity Assay Kit	KB03012
MDA-TBARs Assay Kit	KB03016

ASSAY PROTOCOL

- 10 min** Place the solutions on ice to ensure they are cold
- Add **400 µL** of your **sample** to a vial. Use 1 vial per sample.
- 1 min** Vortex
- 15 min** Keep microtubes on ice
- 10 min** **Centrifuge** at 10000 x g at 4 °C
- Collect the supernatant** in other microtube. If proteins are required, collect the pellet, and freeze at -80 °C
- Assay directly or freeze at -80 °C until the day of the assay

FOR RESEARCH USE ONLY