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Blood RNA Storage Tube (PET, 5 mL)

Cat. No. : CW2691S（5 tubes）
CW2691M（50 tubes）

Storage Condition: Storage at room temperature (15-30°C).

Components

Component	CW2691S 5 tubes	CW2691M 50 tubes
Blood RNA Storage Tube (PET, 5 mL)	5 tubes	50 tubes

Introduction

RNA molecular diagnosis is a branch of molecular diagnosis in IVD. Compared with DNA molecular diagnosis, RNA molecular diagnosis has many advantages, such as high specificity, high sensitivity, high accuracy, rapidity, no pollution, good clinical coincidence and so on. In recent years, with the technological progress, RNA molecular diagnosis technology has attracted more and more attention.

When collecting blood samples, the gene expression profile can change significantly in a few minutes. Anticoagulants such as EDTA can avoid blood coagulation, but can not prevent RNA in blood from being rapidly degraded by RNA enzyme. Therefore, when using blood samples to study gene expression, it is necessary to extract the RNA of nucleated cells from fresh blood in time.

This product can keep RNA in blood stably at room temperature (15-30°C) without degradation for at least 7 days and 14 days at 4°C. The collection of blood samples is simple and convenient, and can be widely used in hospitals, scientific research institutes and third-party testing institutions to collect and preserve blood samples.

Product characteristics

1. Convenient storage. Blood samples can be collected at room temperature to protect the RNA in the samples from degradation.
2. Negative pressure sampling. Vacuum treatment of the preservation tube, the whole sampling does not touch the blood sample, safe and fast.
3. Easy to extract. The blood stored in the storage tube can match a variety of downstream RNA extraction methods, such as Trizol method, centrifugal column method, automatic magbeads extraction and so on.

Protocol

1. Check that the liquid in the storage tube is 3 mL. Using standard venipuncture technique, collect blood into EDTA-K2 anticoagulation vacuum blood collection tube. Negative pressure in the storage tube forces the blood to automatically transfer 1.5 mL to the blood RNA storage tube, reaching the 4.5 mL scale.
2. Immediately gently and slowly turn up and down 10-30 times.
3. After collecting the blood sample, dispose of the needle properly, mix and storage for 20-30 min before RNA extraction.

Protocol

1. This 3 mL blood RNA storage solution is suitable for preserving 1.5 mL of blood. Too much or too little blood will result in an inappropriate blood/protectant ratio and can not achieve the optimal performance of the product.
2. Before using the product, check whether the package is damaged and whether the storage pipe cover is worn.
3. The collected blood samples can be stored for 7 days at room temperature and 14 days at 4°C, and the storage time can be further prolonged at lower temperatures. Due to the differences in the composition of individual blood samples, the specific preservation period of different samples fluctuated.
4. Please open the cover and downstream extract in an ultra-clean bench or a well-ventilated place.