

Sheep erythrocyte hemolysin 1:4000

Cat: H8360

Specification: 0.5mg×10 vials/box

Storage: Store at 2-8°C, and it is valid for 1 year.

Product Information

English name: Sheep erythrocyte hemolysin 1:4000

Alias: Hemolysin, Rabbit anti-sheep red blood cell antibody, SRBC antibody

Ingredients: rabbit anti-sheep red blood cell serum

Potency: 1:4000

Introduction

The hemolysis test involves mixing antibodies against red blood cells (commonly referred to as hemolysin) with corresponding red blood cells. When complement is present, the red blood cells are lysed. This specific hemolysis phenomenon is visible to the naked eye and is widely used for the determination of total serum complement activity and the functional activity of individual complement components. In addition, hemolysis test is often used as an indicator system in complement fixation test.

The principle of the complement fixation test (CFT) is that complement has no specificity and can bind to any antigen-antibody complex; However, when the antigen and antibody do not correspond, the complement is not bound and exists freely. At this time, if sheep red blood cells (antigen) and hemolysin (antibody) are added to the above reaction system, they can combine with free complement and cause hemolysis. Therefore, sheep red blood cells and hemolysin are the indicator system (also known as the hemolytic system) of CFT. The test result can be determined by whether hemolysis occurs, indicating the presence of corresponding antigens or antibodies in the detection system.

It is applied to experiments such as total complement hemolytic activity CH50 detection, complement fixation test cft, and anti-complement activity detection.

Instructions for use:

After diluting this product at a ratio of 1:4000, 0.5ml of diluted hemolysin contains one hemolysin unit.

Note

1. Unless otherwise specified, the biochemical reagents produced by our company are generally non-sterile packaged. If they are to be used for cell experiments, please conduct pretreatment in advance.
2. Once dissolved, please store the solution in separate containers to avoid product degradation caused by repeated freezing and thawing.
3. The product information is for reference only. If you have any questions, please call

400-968-6088 for consultation.

4. The products are all for scientific research use only. Do not use it for medical, clinical diagnosis or treatment, food and cosmetics, etc. Do not store them in ordinary residential areas.
5. For your safety and health, please wear laboratory clothes, disposable gloves and masks to operate.