

## Streptolysin O ,SLO

**Cat:** S4470

**Specification:** 10mg

**Storage:** Store at -20°C or -80°C, and it is valid for 2 years. Avoid product degradation caused by repeated freezing and thawing.

### Product Information

**English name:** streptolysin O, SLO

**Source:** Recombinant Escherichia coli expression

**Purity:** ≥90% SDS-PAGE

**Activity:** 200,000-1500,000 HU hemolytic units/mg. 1 HU is defined as the amount of SLO that causes a 50% hemolytic effect on 3% sheep red blood cells.

**Composition:** TE buffer, Ph8.6

**Molecular Weight:** 57 kDa

### Introduction

Streptolysin O (SLO) produced by hemolytic streptococcus is highly antigenic. SLO antibodies can be detected in most patients with streptococcal infections 2-3 weeks after infection, and can be detected for several months or even up to 1 year after recovery. Clinically, detecting ASO anti-streptolysin O is helpful for diagnosing diseases caused by hemolytic streptococci, such as acute glomerular disease, rheumatoid arthritis, scarlet fever, and tonsillitis.

The SLO provided by our company is a human recombinant protein expressed by Escherichia coli, which has high immunogenicity and can provide core materials for the anti-streptolysin O detection kit. It can also serve as a quality control standard or positive control for detection.



### Note

1. The product information is for reference only. If you have any questions, please call

400-968-6088 for consultation.

2. 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.
3. For your safety and health, please wear laboratory clothes, disposable gloves and masks to operate.