



# Recombinant Streptococcus pyogenes Streptolysin O (DAG-P2724)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Purity	> 95% as determined by SDS-PAGE
Conjugate	His
Trade name	98072-47-0
Applications	Immunoassays
Molecular Weight	60 kDa
Format	Powder
Size	100 KU
Buffer	HEPES-buffered saline, EDTA
Preservative	None
Storage	Store at 4°C

## BACKGROUND

### Introduction

Streptolysin O (SLO) is a membrane-damaging extracellular toxin produced by hemolytic streptococci. The membrane-damaging activity is measured by hemolysis of red-blood cell. SLO is oxygen-sensitive and is easily inactivated in its presence but can be reactivated by thiol compounds, so it is also called thiol-activated cytolysin. SLO is produced not only by Group A hemolytic streptococci but also by Group C and Group G strains. The amino acid sequences are highly conserved among them and their homology is over 98%.

**Keywords**

Streptolysin O; SLO; Group A Streptococcus

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