

# ***STREPTOLYSIN O***

Streptolysin is a streptococcal hemolytic exotoxin. Types include streptolysin O (SLO), which is oxygen-labile, and streptolysin S (SLS), which is oxygen-stable. An antibody, antistreptolysin O, can be detected in an antistreptolysin O titre. Streptolysin O is hemolytically active only in a reversibly reduced state, unlike streptolysin S, which is stable in the presence of oxygen. Another difference is that SLO is antigenic, while SLS is not antigenic due to its small size.

Antistreptolysin O titer (ASO titer) is a measure of the blood plasma levels of antistreptolysin O antibodies, used in tests for the diagnosis of a streptococcal infection or indicate a past exposure to streptococci. The ASO titer helps direct antimicrobial treatment and is used to assist in the diagnosis of scarlet fever, rheumatic fever, and post infectious glomerulonephritis.

<b>Description</b>	<b>Abbr.</b>	<b>Cat No.</b>	<b>Remarks</b>
Streptolysin O	SLO	SDZ900020	Antigen
Goat anti-streptolysin O polyclonal antibodies	pAb<SLO>G IgG	SDZ900021	Control

***SLO***