

TEST CHANGE

Streptolysin O Antibody (ASO)

0050095, ASO

Specimen Requirements:	
Patient Preparation:	
Collect:	Serum separator tube.
Specimen Preparation:	Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP standard transport tube . Standard Transport Tube . (Min: 0.4 mL)
Transport Temperature:	Refrigerated.
Unacceptable Conditions:	Hemolyzed specimens.
Remarks:	
Stability:	After separation from cells: Ambient: 8 hours; Refrigerated: 8 days; Frozen: 3 months
Methodology:	Quantitative Nephelometry
Performed:	Sun-Sat
Reported:	Within 24 hours
Note:	
CPT Codes:	86060
New York DOH Approval Status:	This test is New York DOH approved.

Interpretive Data:

[Elevated titers of antideoxyribonuclease B antibody \(anti-DNase B\) or antistreptolysin O antibody \(ASO\) indicate a recent group A Streptococcus infection. Anti-DNase B antibodies typically remain elevated longer than ASO and may remain elevated for several months after infection. Patients suspected of having complications related to a recent Streptococcus infection such as acute glomerulonephritis or acute rheumatic fever may have elevated anti-DNase B but normal ASO antibody titers. A negative or very low anti-DNase B and ASO antibody titers, especially from a specimen tested 2 weeks after a suspected infection, indicates unlikely incidence of a recent Streptococcus](#)

Inserted Cells



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and its Department of Pathology*

Effective Date: **August 21, 2023**

infection.

Reference Interval:

0-1 year: ~~0~~-200 IU/mL

2-12 years: ~~0~~-240 IU/mL

13 years and older: ~~0~~-330 IU/mL
