Excellence in Pathology and Laboratory Services

Test Update

From Your Laboratory Service Provider, PathGroup Labs

Testing Provided on Site for Antistreptolysin-O

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This change will take effect October 19, 2009

Overview and Clinical Utility:

Effective October 19, 2009, PathGroup Labs will begin performing Antistreptolysin-O testing in house.

Test Methodology:

Streptolysin-O is one of several toxic immunogenic exoenzymes produced by group A β-hemolytic streptococci. An elevated ASO titer usually is an indication of a recent infection with a group A β-hemolytic streptococcus and as such has become routine for the diagnosis and management of acute rheumatic fever and acute glomerulonephritis

Ordering:

ASOAB	**Antistreptolysin-O Antibody**	**CPT: 86060**

Antistreptolysin-O

New Test:	**Previous Test:**
Methodology: Turbidimetric Rate	Methodology: Nephelometry
0 – 4 years = < 100 5–18 years = < 200 > 19 years = < 100	0-1 year : 0 - 200 2-12 years : 0 – 240 > 13 years : 0 - 330
Units: IU/mL	Units: IU/mL

Specimen Collection and Storage:

1) Collect specimen in a serum separator tube..
   a) Allow serum tube to clot for 30 minutes.
      Spin serum separator tube 10-15 minutes @ 3500 rpm.
2) Serum specimens are stable refrigerated for 2 days or frozen for 30 days.

Test Performed:

Sunday - Saturday

Turnaround time:

24 hours

References:

Beckman Coulter 2003

For further questions, please contact Client Services at 615-562-9300 or 1-888-474-5227