



Teco Diagnostics

Intended Use

For the qualitative and semi-quantitative measurement of antibodies to streptococcal exoenzymes in human serum.

Principle

The ASO test method is based on an immunological reaction between streptococcal exoenzymes bound to biologically inert latex particles and streptococcal antibodies in the test sample. The reagent has been adjusted in such a way that presence of an ASO titer of 200 IU/mL or higher in the serum gives a visible agglutination of the latex particles without previous sample dilution.

CONTACT US:

TECO DIAGNOSTICS

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Test:

Antistreptolysin O (ASO) Reagent Set (ASO-100)

Number of Tests:

100 tests

Format:

Liquid

Method:

Agglutination Reaction

Testing Procedure:

Manual

Storage Temperature:

2-8°C

Qualitative Test:

Positive: Any observable agglutination in the reaction mixture

Negative: Uniform milky suspension with no agglutination

Expected Values:

Normal values can vary with age, season of the year and geographical area. The upper limit of normal ASO titers for preschool children is <100 IU/mL and in school age children or young adults is usually 166-250 IU/mL. The average can be established at <200 IU/mL.

Limitations of Procedure:

Results should be read two minutes after the mixing of the reagent on the slide. A reading obtained after this period of time may be incorrect.

Existence of prozone at high titers has not been encountered.