



Teco Diagnostics

Intended Use

For the qualitative and semi-quantitative measurement of Rheumatoid Factor (RF) in human serum.

Principle

The Rheumatoid Factor (RF) reagent is a suspension of polystyrene latex particles sensitized with specially prepared human IgG. The reagent is based on an immunological reaction between human IgG bound to biologically inert latex particles and rheumatoid factors in the test specimen. When serum containing rheumatoid factors is mixed with the latex reagent, visible agglutination occurs. The RF latex reagent sensitivity has been adjusted to detect a minimum of 8 IU/mL of rheumatoid factors according with the WHO International Standard without previous sample dilution.

CONTACT US:

TECO DIAGNOSTICS

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Test:

Rheumatoid Factor Reagent (RF-100)

Number of Tests:

100 tests

Format:

Liquid

Method:

Agglutination Reaction

Testing Procedure:

Manual

Storage Temperature:

2-8°C

Sensitivity:

>8 IU/mL

Qualitative Result:

Positive: Any observable agglutination in the reaction mixture

Negative: Uniform milky suspension with no agglutination

Semi-Quantitative Result:

The titer of the serum is the reciprocal of the highest dilution which exhibits a positive reaction.

Limitations of Procedure:

Results should be read two (2) minutes after the mixing of the reagent on the slide. Increased levels of RF may be found in some diseases other than rheumatoid arthritis such as infectious mononucleosis, sarcoidosis, lupus erythematosus, Sjogren's syndrome. Certain patients with rheumatoid arthritis will not have RF present in their serum.