

AP09850PU-N**Polyclonal Antibody to Trimethoprim - Ig Fraction****Alternate names:**

4, 4-diamine, 5-[(3, 5-trimethoxyphenyl)methyl]pyrimidine-2, Bactramin, Monotrim, Monotrimin, Proloprim, Sulfamethoprim, Syraprim, Trimopan, Trimpex, Veltrim

Quantity:

0.1 ml

Concentration:

4.76 mg/ml (U.V. abs)

Background:

Trimethoprim, (5-[(3,4,5-trimethoxyphenyl)methyl]pyrimidine-2,4-diamine), is a pyrimidine inhibitor of dihydrofolate reductase and is an antibacterial related to pyrimethamine. The interference with folic acid metabolism may cause a depression of hematopoiesis. It is potentiated by sulfonamides and the trimethoprim-sulfamethoxazole combination is the form most often used. It is sometimes used alone as an antimalarial. Trimethoprim resistance has been reported.

Host / Isotype:

Sheep / IgG

Immunogen:

Trimethoprim-BTG

Format:

State: Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures.

Buffer System: 20mM Phosphate, 150mM Sodium Chloride, pH 7.2 containing 0.09% Sodium Azide as preservative.

Applications:

ELISA: 5.0 µg/ml

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody recognizes Trimethoprim.

Add. Information:

Molecular Weight: 290.31772 g/mol

Molecular Formula: C₁₄H₁₈N₄O₃.

Storage:

Store the antibody (in aliquots) at -20°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.