

**AP09850PU-L****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, Trimpep, Veltrim

**Quantity:**

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: C<sub>14</sub>H<sub>18</sub>N<sub>4</sub>O<sub>3</sub>.

**Storage:**

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

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.