

## Product datasheet for **AP09850PU-L**

### Trimethoprim Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	<b>ELISA:</b> 5.0 µg/ml
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Trimethoprim-BTG
Specificity:	This antibody recognizes Trimethoprim.
Formulation:	20mM Phosphate, 150mM Sodium Chloride, pH 7.2 containing 0.09% Sodium Azide as preservative. State: Ig Fraction State: Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
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.
Synonyms:	Proloprim, Trimpex, Monotrimin, Bactramin, Monotrim, Syraprim, Trimopan, Veltrim, Sulfamethoprim
Note:	Molecular Weight: 290.31772 g/mol Molecular Formula: C <sub>14</sub> H <sub>18</sub> N <sub>4</sub> O <sub>3</sub> .



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