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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.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.