



Trimethoprim [HRP] (DAG1328)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Trimethoprim, HRP conjugate
Antigen Description	Trimethoprim, (5-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. It has a molecular weight of 290.31772 g/mol and molecular formula: C14H18N4O3.
Species	N/A
Conjugate	HRP
Format	Concentrate
Size	0.5 ml
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Trimethoprim (INN) is a bacteriostatic antibiotic used mainly in the prevention and treatment of urinary tract infections. It belongs to the class of chemotherapeutic agents known as dihydrofolate reductase inhibitors. Trimethoprim was formerly marketed by GlaxoSmithKline under trade names including Proloprim, Monotrim, and Triprim; but these trade names have been licensed to various generic pharmaceutical manufacturers. Trimethoprim is on the World Health Organization's List of Essential Medicines, a list of the most important medication needed in a basic health system. Trimethoprim and sulfamethoxazole are commonly used in combination.
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Keywords

Trimethoprim
