



Sulphamerazine [HRP] (DAG1300)

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

PRODUCT INFORMATION

Product Overview	Sulphamerazine, HRP conjugate
Antigen Description	Sulfamerazine is a sulfonamide drug that inhibits bacterial synthesis of dihydrofolic acid by competing with para-aminobenzoic acid (PABA) for binding to dihydropteroate synthetase (dihydrofolate synthetase). Sulfamerazine is bacteriostatic in nature. Inhibition of dihydrofolic acid synthesis decreases the synthesis of bacterial nucleotides and DNA. Rapidly absorbed following oral administration.
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	A sulfanilamide that is used as an antibacterial agent. It can be used to treat bronchitis, prostatitis and urinary tract infections. Sulfonamides act as competitive inhibitors of the enzyme dihydropteroate synthetase (DHPS), an enzyme involved in folate synthesis in bacteria.
Keywords	Sulfamerazine