



Sulphapyridine [HRP] (DAG1304)

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

PRODUCT INFORMATION

Product Overview	Sulphapyridine, HRP conjugate
Antigen Description	Antibacterial, potentially toxic, used to treat certain skin diseases. For the treatment of dermatitis herpetiformis, benign mucous membrane pemphigoid and pyoderma gangrenosum. Sulfapyridine is a competitive inhibitor of the bacterial enzyme dihydropteroate synthetase. The inhibited reaction is necessary in these organisms for the synthesis of folic acid by means of processing the substrate para-aminobenzoic acid (PABA). Dihydropteroate synthetase activity is vital in the synthesis of folate, and folate is required for cells to make nucleic acids.
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	Sulfapyridine is not prescribed for treatment in humans any more. However, it may be used to treat Linear IgA Disease. It is a good antibacterial drug, but its water solubility is very pH dependent. Thus there is a risk of crystallization within the bladder or urethra, which could lead to pain or blockage. The drug sulfasalazine is structurally one molecule of mesalamine linked to one molecule of Sulfapyridine with an azo bond.
Keywords	2 Sulfapyridine; 4 amino N pyridin 2 yl benzenesulfonamide; Coccoclase; Eubasinum; Haptocil; Piridazol; Relbapiridina; Septipulmon; sulfapyridine; Thioseptal