

Sulphadiazine, HRP conjugate

DAG1297

Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	Sulphadiazine, HRP conjugate
Antigen Description	Sulfadiazine, a sulfa drug, eliminates bacteria that cause infections, especially urinary tract infections. Antibiotics will not work for colds, flu, or other viral infections. Sulfadiazine works by preventing the bacteria from producing folate. Without folate, the bacteria cannot produce DNA and so are unable to increase in numbers. Sulfadiazine therefore stops the spread of infection. The remaining bacteria are killed by the immune system or eventually die.
Source	Sulphonamides
Conjugate	HRP
Form	concentrate
Characteristic	Each conjugate comprises antigen covalently bound to horseradish peroxide and is suitable as a tracer in immunoassay development

PACKAGING

Storage	Can be stored at 2-8°C for up to 3 months and at -20°C for longer term storage.
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BACKGROUND

Introduction	Sulfadiazine is a sulfonamide antibiotic. It eliminates bacteria that cause infections by stopping the production of folic acid inside the bacterial cell, and is commonly used to treat urinary tract infections (UTIs). In combination, sulfadiazine and pyrimethamine, can be used to treat toxoplasmosis, a disease caused by <i>Toxoplasma gondii</i> .
Keywords	Lantrisol; Neotrizine; Sulfa-Triple #2; Sulfadiazine; Sulfaloid; Sulfonamides Duplex; Sulfose; Terfonyl; Triple Sulfa; Triple Sulfas; Triple Sulfoid; 4-amino-N-pyrimidin- 2-yl-benzenesulfonamide

REFERENCES

1. Khan S.. Rapid determination of nitrites in food using a diffuse UV-visible reflectance method. Food Addit Contam Part A Chem Anal Control Expo Risk Assess. 2012 Aug; 29(8):1256-62.