



Cinoxacin [BSA] (DAG132S)

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

PRODUCT INFORMATION

Species	N/A
Conjugate	BSA
Applications	ELISA, LF
Format	Liquid
Concentration	Please refer to the vial label for the specific concentration.
Size	1 mg
Buffer	Supplied in PBS
Preservative	None
Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid multiple freeze-thaw cycles.

BACKGROUND

Introduction

Cinoxacin, also known as cinobac or azolinic acid, belongs to the class of organic compounds known as cinnolines. These are organic aromatic compounds containing a benzene fused to a pyridazine ring. Cinoxacin is a drug which is used for the treatment of initial and recurrent urinary tract infections in adults caused by the following susceptible microorganisms: *escherichia coli*, *proteus mirabilis*, *proteus vulgaris*, *klebsiella* species (including *k. pneumoniae*), and *enterobacter* species. Cinoxacin exists as a solid and is considered to be practically insoluble (in water) and relatively neutral. Cinoxacin has been detected in multiple biofluids, such as urine and blood. Within the cell, cinoxacin is primarily located in the cytoplasm.

Keywords

Cinoxacin; Cinobactin; Cinoxacine; Cinoxacinum