



## Nicarbazin [HRP] (DAG1025)

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

### PRODUCT INFORMATION

<b>Product Overview</b>	Nicarbazin, HRP conjugate
<b>Antigen Description</b>	Nicarbazin has been used in starter rations for several decades as an aid in the prevention of faecal and intestinal coccidiosis in broiler chickens. It may be used in combination with ionophore coccidiostats. Chemically, it is an equimolar complex of 1,3- N,N'-bis(4-nitrophenyl)urea and 4,6-dimethyl-2(1 H)-pyrimidone. These compounds are also known as 4,4'-dinitrocarbanilide and 2-hydroxy-4,6-dimethylpyrimidine, respectively. Nicarbazine is described as an electron donor-acceptor molecular complex; the sites of the interaction are the electron-poor NH amide groups of the acceptor phenylurea and the electron-rich lone pairs of the nitrogen in the pyrimidone donor ring.
<b>Species</b>	N/A
<b>Conjugate</b>	HRP
<b>Format</b>	Concentrate
<b>Size</b>	0.5 ml
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

### BACKGROUND

<b>Introduction</b>	Nicarbazin is an anticoccidial for the prevention of coccidiosis in broiler chickens.
<b>Keywords</b>	Nicarbazin; Nicarb; Nicoxin; Nicarzin