

Product datasheet

Anti-Nalidixic Acid antibody ab58943

Overview

Product name	Anti-Nalidixic Acid antibody
Description	Sheep polyclonal to Nalidixic Acid
Host species	Sheep
Tested applications	Suitable for: EIA, ELISA
Species reactivity	Reacts with: Species independent
Immunogen	Nalidixic Acid conjugated to Bovine thyroglobulin

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.09% Sodium azide Constituents: 0.0536% PBS, 0.87% Sodium chloride
Purity	IgG fraction
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab58943** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
EIA		Use at an assay dependent concentration.
ELISA		Use a concentration of 0.625 µg/ml.

Target

Relevance

Nalidixic acid ($C_{12}H_{12}N_2O_3$, systematic name 1-ethyl-7-methyl-4-oxo-[1,8]naphthyridine-3-carboxylic acid) is a quinolone antibiotic which inhibits DNA-gyrase. It is used in the treatment of urinary tract infections as it reaches high levels in the urine and is effective over the entire urinary pH range.

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