



# Difloxacin [OVA] (DAGAP-XYZ290)

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

## PRODUCT INFORMATION

<b>Specificity</b>	This product is ELISA-paired with CABT-Z525M
<b>Species</b>	N/A
<b>Conjugate</b>	OVA
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements.
<b>Size</b>	1 mg
<b>Buffer</b>	0.01M PBS, pH7.4
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

## BACKGROUND

<b>Introduction</b>	Difloxacin is a quinolone that is pefloxacin in which the ethyl group at position 1 of the quinolone has been replaced by a p-fluorophenyl group. A broad-spectrum antibiotic effective against both Gram-positive and Gram-negative bacteria, it is used (usually as the monohydrochloride salt) for the treatment of bacterial infections in dogs. It has a role as an antibacterial drug and a Mycoplasma genitalium metabolite. It is a quinolone, a N-alkylpiperazine, a N-arylpiperazine, a quinolone antibiotic, a fluoroquinolone antibiotic, a member of monofluorobenzenes and a monocarboxylic acid.
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