



# Ciprofloxacin [HSA] (DAG255S)

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

## PRODUCT INFORMATION

|                     |                                                         |
|---------------------|---------------------------------------------------------|
| Antigen Description | Ciprofloxacin, covalently linked to human serum albumin |
| Species             | N/A                                                     |
| Purity              | chromatography, dialysis                                |
| Conjugate           | HSA                                                     |
| Applications        | e.g. allergy test, immunoassays etc.                    |
| Molecular Weight    | app. 65 kDa                                             |
| Format              | Liquid                                                  |
| Concentration       | 1 mg/mL, conjugation ratio is app. 1:10 - 1:40.         |
| Size                | 1 mg                                                    |
| Buffer              | PBS                                                     |
| Preservative        | 0.05% sodium azide                                      |
| Storage             | Store at 4°C.                                           |

## BACKGROUND

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| Introduction | <p>iprofloxacin is a quinolone that is quinolin-4(1H)-one bearing cyclopropyl, carboxylic acid, fluoro and piperazin-1-yl substituents at positions 1, 3, 6 and 7, respectively. It has a role as an antiinfective agent, a topoisomerase IV inhibitor, an antibacterial drug, an EC 5.99.1.3 [DNA topoisomerase (ATP-hydrolysing)] inhibitor, a DNA synthesis inhibitor, an antimicrobial agent, an environmental contaminant and a xenobiotic. It is a quinolone antibiotic, a fluoroquinolone antibiotic, a N-arylpiperazine, a quinolone, an aminoquinoline and a quinolinemonocarboxylic</p> |
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acid.

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**Keywords**

drug-HSA conjugate, drug-conjugate, Ciprofloxacin HSA conjugate

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