



# Clindamycin [HSA] (DAG252S)

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

## PRODUCT INFORMATION

|                     |   |
|---------------------|---|
| Antigen Description | Clindamycin, 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

|              |  |
|--------------|--|
| Introduction | Clindamycin is a semisynthetic lincosamide antibiotic that has largely replaced lincomycin due to an improved side effect profile. Clindamycin inhibits bacterial protein synthesis by binding to bacterial 50S ribosomal subunits. It may be bacteriostatic or bactericidal depending on the organism and drug concentration. |
| Keywords     | drug-HSA conjugate, drug-conjugate, Clindamycin HSA conjugate  |