



Clavulanic acid [BSA] (DAG367S)

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

PRODUCT INFORMATION

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| Antigen Description | Clavulanic acid, covalently linked to bovine serum albumin |
| Species | N/A |
| Purity | chromatography, dialysis |
| Conjugate | BSA |
| 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 | Clavulanic acid is a β -lactam drug that functions as a mechanism-based β -lactamase inhibitor. While not effective by itself as an antibiotic, when combined with penicillin-group antibiotics, it can overcome antibiotic resistance in bacteria that secrete β -lactamase, which otherwise inactivates most penicillins. |
| Keywords | drug-BSA conjugate, drug-conjugate, Clavulanic acid BSA conjugate |