



## Ambroxol [HSA] (DAG286S)

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

### PRODUCT INFORMATION

|                     |                                                    |
|---------------------|----------------------------------------------------|
| Antigen Description | Ambroxol, 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>Ambroxol is a secretolytic agent used in the treatment of respiratory diseases associated with viscid or excessive mucus. It is the active ingredient of Mucosolvan, Lasolvan or Mucoangin. The substance is a mucoactive drug with several properties including secretolytic and secretomotoric actions that restore the physiological clearance mechanisms of the respiratory tract which play an important role in the body's natural defence mechanisms. It stimulates synthesis and release of surfactant by type II pneumocytes. Surfactants acts as an anti-glue</p> |
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factor by reducing the adhesion of mucus to the bronchial wall, in improving its transport and in providing protection against infection and irritating agents.

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**Keywords**

drug-HSA conjugate, drug-conjugate, Ambroxol HSA conjugate

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