



# Atropine [HSA-Biotin] (DAG548S)

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

## PRODUCT INFORMATION

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

## BACKGROUND

|                     |                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Introduction</b> | Atropine is a synthetically-derived form of the endogenous alkaloid isolated from the plant <i>Atropa belladonna</i> . Atropine functions as a sympathetic, competitive antagonist of muscarinic cholinergic receptors, thereby abolishing the effects of parasympathetic stimulation. This agent may induce tachycardia, inhibit secretions, and relax smooth muscles. |
| <b>Keywords</b>     | drug-HSA-Biotin conjugate, drug-conjugate, Atropine HSA-Biotin conjugate                                                                                                                                                                                                                                                                                                |