

## Acrolein, BSA-conjugated

Cat.No: DAG3266

Lot. No. (See product label)

### PRODUCT INFORMATION

<b>Product overview</b>	Acrolein, BSA-conjugated
<b>Description</b>	Acrolein, Conjugated
<b>Species</b>	chemosynthetic
<b>Specificity</b>	Acrolein conjugated with bovine serum albumin (BSA).
<b>Conjugate</b>	BSA
<b>Form</b>	Lyophilized (1 mg); Lyophilized and reconstituted in deionized water (250 µg)
<b>Applications</b>	immunohistochemistry and immunocytochemistry
<b>Usage</b>	This antigen was used to produce a polyclonal antibody.
<b>Quality Control Test</b>	250 micrograms, 1 milligram
<b>Storage</b>	Store at -20°C for one year. Reconstitute with deionized H <sub>2</sub> O + 0.1% merthiolate (optional preservative). This solution is stable at +4°C for 2 months.

### Background

<b>Introduction</b>	Acrolein is the simplest unsaturated aldehyde. It is a colourless liquid with a piercing, disagreeable, acrid smell. The smell of burnt fat (as when cooking oil is heated to its smoke point) is caused by glycerol in the burning fat breaking down into acrolein. It is produced industrially from propylene and mainly used as a biocide and a building block to other chemical compounds, such as the amino acid methionine.
<b>Keywords</b>	Acrolein; propenal; Acraldehyde; Acrylic Aldehyde; Allyl Aldehyde; Ethylene Aldehyde; acquinite; Akrolein; Aqualine; Biocide