



# Retinoic Acid [BSA] (DAG3398)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Retinoic Acid, BSA-conjugated
<b>Specificity</b>	Retinoic Acid conjugated with bovine serum albumin (BSA).
<b>Species</b>	N/A
<b>Purity</b>	Purity is greater than 95.0% as determined byHPLC analysis and SDS-PAGE.
<b>Conjugate</b>	BSA
<b>Applications</b>	immunohistochemistry and immunocytochemistry
<b>Reconstitution</b>	Reconstituted in deionized water (250 µg)
<b>Format</b>	Lyophilized
<b>Size</b>	1 mg
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

## BACKGROUND

<b>Introduction</b>	Retinoic acid is a metabolite of vitamin A (retinol) that mediates the functions of vitamin A required for growth and development. Retinoic acid is required in chordate animals which includes all higher animals from fishes to humans. During early embryonic development, retinoic acid generated in a specific region of the embryo helps determine position along the embryonic anterior/posterior axis by serving as an intercellular signaling molecule that guides development of the posterior portion of the embryo. It acts through Hox genes, which ultimately control anterior/posterior patterning in early developmental stages.
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**Keywords**

Retinoic Acid; a-acido(argentina); acnavit; beta-retinoicacid; cordesvas; all-trans-beta-retinoicacid; dermairol; tretinm; all-trans-tretinoin

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