



Retinoic Acid [BSA] (DAG3398)

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

PRODUCT INFORMATION

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

BACKGROUND

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| Introduction | 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-tretinoi
