



Retinoic Acid [HSA] (DAG-WT231)

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

PRODUCT INFORMATION

Conjugate	HSA
Applications	ELISA
Format	Liquid
Concentration	0.01 mol/L
Size	1 mg
Buffer	0.01M pH7.4 PBS
Preservative	None
Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.

BACKGROUND

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