



Working

Analysis of the Derivatives of Sialic Acid in Pig Tissues [↗](#)

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Chon-Ho Yen¹¹Division of Animal Technology, Animal Technology Laboratories, Agricultural Technology Research Institute, No.1, Ln. 51, Dahu Rd., Xiangshan Dist., Hsinchu City 30093, Taiwan[dx.doi.org/10.17504/protocols.io.zd6f29e](https://doi.org/10.17504/protocols.io.zd6f29e)

Chon-Ho Yen

ABSTRACT

Sialic acid is a generic term for the N- or O-substituted derivatives of neuraminic acid, a monosaccharide with a nine-carbon backbone. N-glycolylneuraminic acid (Neu5Gc or NGNA) is not synthesized in the human body, so most of the sialic acid in the body is N-acetylneuraminic acid (Neu5Ac or NANA), while other animals have two kinds of sialic acid (NANA and NGNA). There may be NGNA in biotech products manufactured from nonhuman animal source, and a detectable method is needed to determine the derivatives of sialic acid in the product.

EXTERNAL LINK

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THIS PROTOCOL ACCOMPANIES THE FOLLOWING PUBLICATION

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