



# LKT Laboratories, Inc.

## Hyaluronic Acid Sodium

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### Product Information

**Product ID** H9801

**CAS No.** 9067-32-7

**Chemical Name** Hyaluronic Acid Sodium

**Synonym** ARTZ, Euron, Healon, Hyalgan, Ial, Provisc, Synacid

**Formula**  $(C_{14}H_{20}NO_{11}Na)_n$

**Formula Wt.** ~1,000,000

**Melting Point**

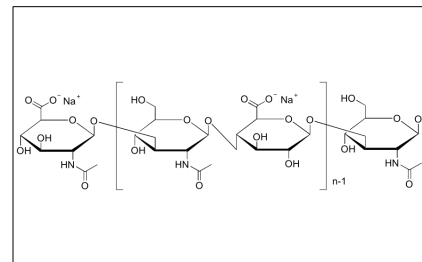
**Purity** ≥95%

**Solubility** Soluble in water (5mg/mL) up to 1%. In ice-water it will dissolve faster, may take 24 hours to be transparent.

**Store Temp** Ambient

**Ship Temp** Ambient

**Description** Hyaluronic acid is an endogenous anionic non-sulfated glycosaminoglycan that is found in connective tissue, epithelial tissue, and synovial fluid. Hyaluronic acid exhibits pro-inflammatory activity, binding surface proteins CD44, RHAMM, and ICAM-1. Hyaluronic acid is often used as a biomarker for cancers and fibrosis. (*Streptococcus*)



**Bulk quantities available upon request**

Product ID	Size
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H9801	100 mg
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H9801	500 mg
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H9801	1 g
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**References** Chen B, Miller RJ, Dhal PK. Hyaluronic acid-based drug conjugates: state-of-the-art and perspectives. J Biomed Nanotechnol. 2014 Jan;10(1):4-16. PMID: 24724495.

Rostami S, Parsian H. Hyaluronic Acid: from biochemical characteristics to its clinical translation in assessment of liver fibrosis. Hepat Mon. 2013 Dec 14;13(12):e13787. PMID: 24403913.

Yung S, Cheung KF, Zhang Q, et al. Mediators of inflammation and their effect on resident renal cells: implications in lupus nephritis. Clin Dev Immunol. 2013;2013:317682. PMID: 24171032.

Josefsson A, Adamo H, Hammarsten P, et al. Prostate cancer increases hyaluronan in surrounding nonmalignant stroma, and this response is associated with tumor growth and an unfavorable outcome. Am J Pathol. 2011 Oct;179(4):1961-8. PMID: 21854754.

Toole BP. Hyaluronan is not just a goo! J Clin Invest. 2000 Aug;106(3):335-6. PMID: 10930435.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.