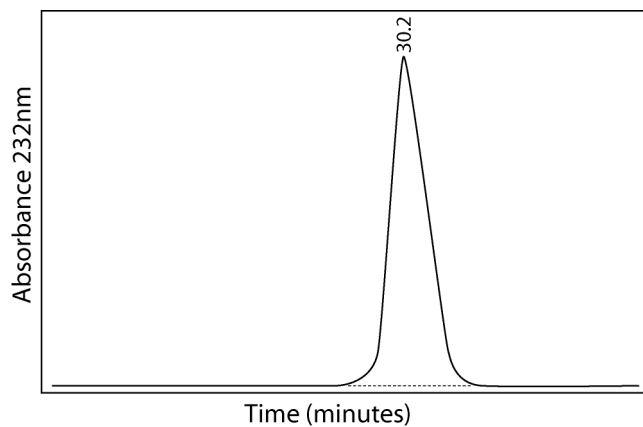


Hyaluronic Acid Oligosaccharide

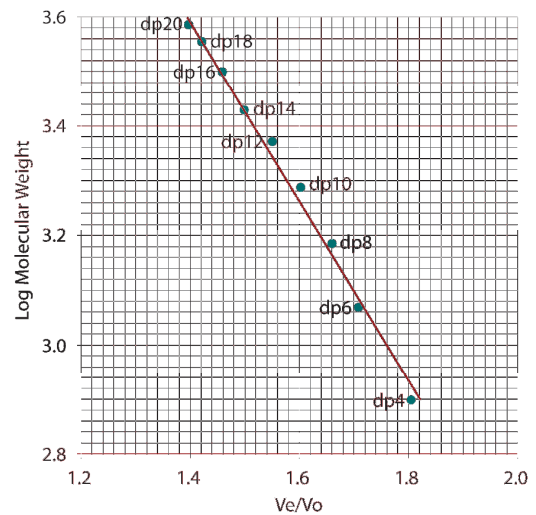
Catalogue no: AMS.HA20
Designation: Disaccharide dp20.
General Description: These oligosaccharides have been prepared by high resolution gel filtration of partial endolyase digestion of purified Streptococcal HA. Very low in endotoxin

General formula*
 $\Delta\text{HexA}\beta 1,3 [\text{GlcNAc}\beta 1,4 \text{GlcA}\beta 1,3]_n \text{GlcNAc}$

Uronic acid (HexA) at the non-reducing end of the oligosaccharides has a C4-C5 double bond as a result of the endolyase scission.



HA Oligosaccharides in Superdex S75; linear correlation of V_e/V_o vs log molecular weight



Quantity: 1mg per vial
Appearance: White/yellow powder
Origin: Purified Streptococcal Hyaluronic Acid. Very low endotoxin.
Toxicity and Hazards: We are not aware of any toxicity associated with this product. In common with good laboratory practice the material should only be handled by qualified personnel trained in laboratory procedures and familiar with potential hazards. These products are not intended for human consumption, drug use or any form of human experimentation.
Applications: Biological, biochemical and biophysical laboratory research
Storage: We recommend that all products are stored frozen at -15 to -20 degrees Celsius upon receipt and that they are allowed to warm to room temperature before opening. If made up into solutions avoid repeated freeze-thawing. Stock solutions should be prepared in appropriate aliquots and stored frozen.
Warranties: amsbio warrants that its products shall conform to the description of such products as provided in our catalogue. This warranty is exclusive, and seller makes no other warranty, expressed or implied, including any implied warranty of merchantability or fitness for any particular purpose. See 'terms and conditions' for further warranty information.

AMSBIO | www.amsbio.com | info@amsbio.com

 **UK & Rest of the World**
 184 Park Drive, Milton Park
 Abingdon OX14 4SE, UK
 T: +44 (0)1235 828 200
 F: +44 (0) 1235 820 482

 **North America**
 1035 Cambridge Street,
 Cambridge, MA 02141
 T: +1 (617) 945-5033 or
 T: +1 (800) 987-0985
 F: +1 (617) 945-8218

 **Germany**
 Bockenheimer Landstr. 17/19
 60325 Frankfurt/Main
 T: +49 (0) 69 779099
 F: +49 (0) 69 13376880

 **Switzerland**
 Centro Nord-Sud 2E
 CH-6934 Bioggio-Lugano
 T: +41(0) 91 604 55 22
 F: +41(0) 91 605 17 85