Specification Sheet

Select-HA™ B1000

Product Description
Select-HA™ is a hyaluronic acid (HA) preparation of uniform and narrow size distribution prepared by *in vitro* synthesis using recombinant *Pasteurella multocida* hyaluronan synthase[1]. Select-HA™ B1000 is a biotin-labeled narrow-size distribution HA polymer with a specific average weight-average molecular mass (Mw) within the range of 800 kDa to 1200 kDa. (Although there is lot to lot variation, the sizes of a particular lot are generally within ± 5%). **Please refer to Certificate of Analysis for the specific average Mw of the lot you have received**). Each HA molecule is end-labeled (reducing terminus) with a single biotin.

Quantity
The tube contains 200 pmoles (160 ~ 240 ug) of Select-HA™ B1000 supplied as a lyophilized sodium salt.

Recommended Reconstitution Procedure
Carefully open and add desired amount of water or proper buffer. Mix well to dissolve any dry product at the bottom or on the sides of the tube. For sample rehydration, allow two hours at 4°C with periodic mixing. After rehydration, centrifuge the tube for a few seconds to collect the HA solution at the bottom of the tube.

Storage
Store at -20ºC or below. To avoid frequent freeze-thaw, aliquoting is recommended. Avoid contamination with microbes or HA-degrading enzymes.

References
1. Jing, W. and DeAngelis, P.L. (2004) Synchronized Chemoenzymatic Synthesis of Monodisperse Hyaluronan Polymers. *J. Biol. Chem*. **279(40),** 42345-42349.

For research use only

UK & Rest of World
184 Milton Park, Abingdon
OX14 4SE, Oxon, UK
Tel: +44 (0) 1235 828 200
Fax: +44 (0) 1235 820 482

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

Deutschland
Bockenheimer Landstr. 17/19
60325 Frankfurt/Main
Tel: +49 (0) 69 779099
Fax: +49 (0) 69 13376880

United States
23591 El Toro Rd, Suite #167
Lake Forest, CA 92630
Tel: + 1 800 987 0985
Fax: + 1 949 265 7703

amsbio
info@amsbio.com