



## Specification Sheet

### Select-HA™ 500kEF

Catalogue No. HYA-500KEF-1

#### 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<sup>1</sup>. Select-HA™ 1000kEF is defined as Select-HA polymer with a specific average weight-average molecular mass (Mw) within the range of 400 kDa to 600 kDa and the polymer contains minimal level of endotoxin. (Although there is lot to lot variation, the sizes of a particular lot are generally within  $\pm 5\%$ ). **Please refer to Certificate of Analysis for the specific average Mw of the lot you have received.**

#### Quantity

The tube contains 1 mg of Select-HA™ supplied as lyophilized sodium salts.

#### Recommended Reconstitution Procedure

Centrifuge the tube for a few seconds to collect the Select-HA™ solids in the bottom of the tube. Carefully open and add desirable amount of sterile water or proper buffer directly to the bottom of the tube. Allow two hours at 4°C for sample rehydration and then mix well before use.

#### Storage

Store at -20°C 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**

U.S. patent 6,444,447 and patents pending



#### 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: +1 855 267 2464  
Fax: +1 949 768 8613

**amsbio**  
info@amsbio.com