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## Specification Sheet

### Select-HA™ 50kEF Catalogue No. HYA-50KEF-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™ 50kEF is defined as Select-HA polymer with a specific average weight-average molecular mass (Mw) within the range of 25 kDa to 75 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™ 50K 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