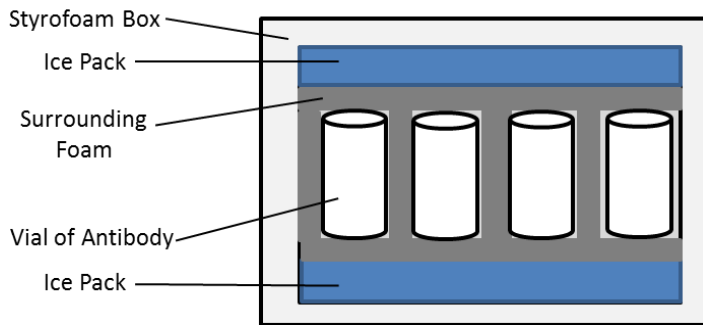


New packaging implemented for product safety and validated temperature-controlled shipping

In 2017, we tested and validated new packaging materials for shipping antibody reagents for in vivo use. The goals were cost-effective materials that prevented vial damage during shipping and could maintain 0-4°C temperature for over 24 hours.



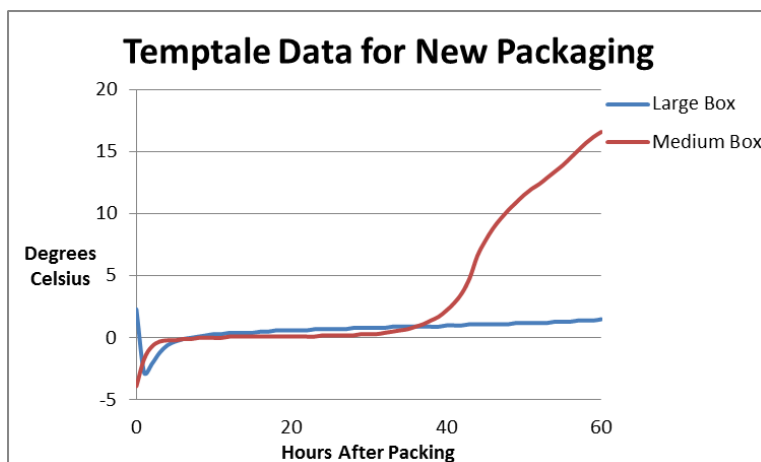
We now utilize:

- Styrofoam box with fiberboard overpack
- Foam rubber cushioning
- Ice pack sandwich above/below temperature-sensitive contents

New method employs foam rubber “pick and pack” sheets (U-Line) that can be configured to accommodate different vial and shipping box sizes.

OLD METHOD

NEW METHOD



Stable temperature control was tested for large and medium boxes using Sensitech TempTale[®] monitoring.

Temperature was controlled between 0-4°C for over 40 hours.

