

TECHNICAL NOTES

PIM(3X)[®]: cGMP Prodo Islet Media (Triple Strength Antibiotics)

Description

PIM(3X)[®] is a recommended supplement for PIM(R)[®], PIM(S)[®], and PIM(T)[®] islet specific tissue culture media. It is shipped separately as a frozen component to permit the extended shelf life of this media without the antibiotics. Once it is thawed and added to the media, it is recommended that the expiration date be considered to be 30 days from the date of the PIM(ABS)[®] addition. It is sourced and manufactured under cGMP. PIM(3X)[®] is a solution consisting of Amphotericin B, Ciprofloxacin and Gentamicin. This solution has been in use and tested for toxicity with both human and animal islets.

Testing

To ensure of its effectiveness against different types of bacteria, fungi, yeast and cocci, the following samples were tested with the following controls: PIM(R) with PIM(3X), PIM(R) with a control antibiotic and PIM(R) with no antibiotics. The selected samples included:

- **Bacillus subtilis**
- **Clostridium sporogenes**
- **Escherichia coli**
- **Streptococcus salivarius**
- **Staphylococcus epidermidis**
- **Candida krusei**
- **Aspergillus fumigatus**

The results showed that PIM(3X) was effective in prohibiting growth from all of the samples. The individual protocol and complete results are available upon request.

