



**PROTOCOL FOR SHIPPING HUMAN ISLET SUSPENSION**

**I. Materials required for shipping human islet suspension:**

Each shipping container will contain the following items:

1. Thermosafe® card board covered Styrofoam box
2. Reusable Ambient gel packs – 6 (Sebra ThermaSure Temperature Stabilizer model 1290® or Fisher cat. # 19-050-244)
3. Origen EVO® bag, vol 120 ml (Perma Life Cell culture bags, 8.9 x 9.7 cm; OriGen Biomedical, Cat. # PL 70) containing the human islet suspension
4. Absorbent blue pads (Protection Plus Disposable Underpads, 17 x 24”, 300/case, Medline, Cat. # MSC281224)
5. Temperature indicator
6. Bubble wrap (1/2” Perforated Heavy Duty Bubble wrap, 12” x 250’, Uline Cat. # S-7541P)
7. FedEx Shipping label for return of materials to the isolation site:

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**II. Procedure:**

An absorbent blue pad is spread out at the bottom of the Styrofoam box and ambient gel packs are placed, one on each side of the box and another at the bottom of the box, on top of blue pad. Origen EVO bag filled with islet suspension and a temperature indicator, both are carefully wrapped using two absorbent blue pads and placed on top of the gel pack at the bottom of the box. The last (6<sup>th</sup>) gel pack is placed on top of the absorbent blue pad. Enough bubble wrap is placed to fill the box and the box is sealed.

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**III. Upon receipt of the islet suspension at destination lab please remove the Origen EVO bag filled with islet suspension**

8. Remove return label
9. Place the following shipping materials back into the Thermosafe® card board covered Styrofoam box
  - a. Reusable Ambient gel packs
  - b. Bubble wrap (1/2" Perforated Heavy Duty Bubble wrap, 12" x 250', Uline Cat. # S-7541P)
10. Close box with tape, affix FedEx shipping label, and ship box

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