

Islet Isolation

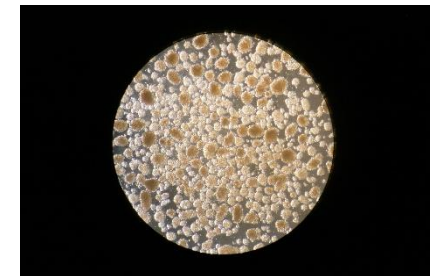
| HPAP186 | |
|--|---|
| Date of Procurement/Cross Clamp Time | 12/4/2024, 20:56 (EDT) |
| Date/Time Tissues Biopsy & Islet Isolation | 12/5/2024, 17:20 (EDT) |
| Date/Time Intra Ductal Enzyme Infusion | 12/5/2024, 20:17 (EDT) |
| ¹ Cold Ischemia Time (CIT) | 23 hrs and 21 mins |
| ² DCD Donor Warm Ischemia Time | NA |
| Pancreas Condition | Fatty |
| Pancreas Weight (trimmed) | 85.5 g |
| Total Islet Yield | 184,310 EQ |
| ³ IEQ/g of Pancreas | 2,155.7 IEQ/g |
| Islet Purity (%) & Yield (IEQ) | ⁴ Purity (70%): 48524 (30-40%): 135,786 |
| Islet Viability (%) | 85 |
| GSIR (SI) | 1.13 |
| DNA Content (ng/IEQ) | 1.48 |
| Endotoxin (EU/ml) | 0.223 |
| Sterility Test | Negative (No Growth Of Bacteria Or Fungus After 14 Days) |



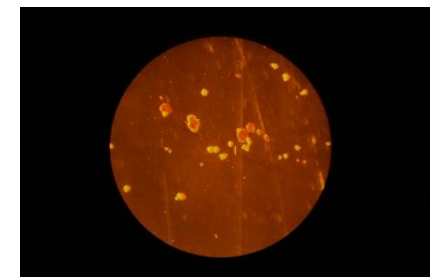
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)

¹CIT = duration from Cross clamp time till Intra ductal enzyme infusion

²DCD = Donation after Cardiac Death (circulatory arrest)

³IEQ/g = Islet equivalent per gram of pancreas = Total isolated islets / Weight of pancreas

⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%