

Islet Isolation

| HPAP124 | |
|--|---|
| Date of Procurement/Cross Clamp Time | 5/29/2022, 09:37 (EST) |
| Date/Time Tissues Biopsy & Islet Isolation | 5/29/2022, 20:10 (EST) |
| Date/Time Intra Ductal Enzyme Infusion | 5/29/2022, 20:52 (EST) |
| ¹ Cold Ischemia Time (CIT) | 11 hrs 15 mins |
| ² DCD Donor Warm Ischemia Time | NA |
| Pancreas Condition | Fatty & firm |
| Pancreas Weight (trimmed) | 118 g |
| Total Islet Yield | 154.226 IEQ |
| ³ IEQ/g of Pancreas | 1,307 IEQ/g |
| Islet Purity (%) & Yield (IEQ) | ⁴ Purity (95%): 122,226 (30%): 3,2000 |
| Islet Viability (%) | 94 |
| GSIR (SI) | 2.46 |
| DNA Content (ng/IEQ) | 11.62 |
| Endotoxin (EU/ml) | < 0.050 |
| Sterility Test | Negative (No Growth Of Bacteria Or Fungus After 14 Days) |

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%



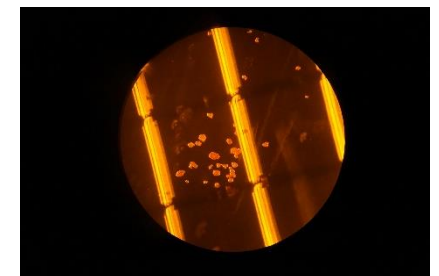
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)