

Islet Isolation

| HPAP178 | |
|--|---|
| Date of Procurement/Cross Clamp Time | 07/12/2024, 08:07 (EDT) |
| Date/Time Tissues Biopsy & Islet Isolation | 07/13/2024, 09:50 (EDT) |
| Date/Time Intra Ductal Enzyme Infusion | 07/13/2024, 10:42 (EDT) |
| ¹ Cold Ischemia Time (CIT) | 26 hrs and 35 mins |
| ² DCD Donor Warm Ischemia Time | NA |
| Pancreas Condition | Fatty |
| Pancreas Weight (trimmed) | 25.1 g |
| Total Islet Yield | 35,222.8 IEQ |
| ³ IEQ/g of Pancreas | 1,403.3 IEQ/g |
| Islet Purity (%) & Yield (IEQ) | ⁴ Purity (20%): 28,148.8 (5%): 7,074 |
| Islet Viability (%) | 80 |
| GSIR (SI) | 0.26 |
| DNA Content (ng/IEQ) | 6.56 |
| Endotoxin (EU/ml) | <0.04 |
| 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

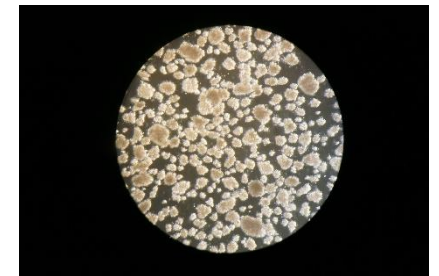
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



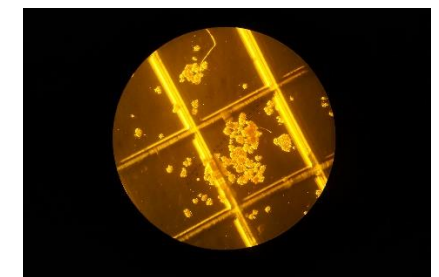
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 2)



DTZ staining (Day 2)