

Islet Isolation

| HPAP132 | |
|--|---|
| Date of Procurement/Cross Clamp Time | 9/18/2022, 13:52 (EST) |
| Date/Time Tissues Biopsy & Islet Isolation | 9/19/2022, 09:36 (EST) |
| Date/Time Intra Ductal Enzyme Infusion | 9/19/2022, 10:29 (EST) |
| ¹ Cold Ischemia Time (CIT) | 20 hrs 37 mins |
| ² DCD Donor Warm Ischemia Time | NA |
| Pancreas Condition | Minimal Fatty Infiltration |
| Pancreas Weight (trimmed) | 22.1 g |
| Total Islet Yield | 244,990 IEQ |
| ³ IEQ/g of Pancreas | 11,085.5 IEQ/g |
| Islet Purity (%) & Yield (IEQ) | ⁴ Purity (75%): 46,704 (30%): 198,289 |
| Islet Viability (%) | 93 |
| GSIR (SI) | 1.31 |
| DNA Content (ng/IEQ) | 8.25 |
| Endotoxin (EU/ml) | 0.071 |
| 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

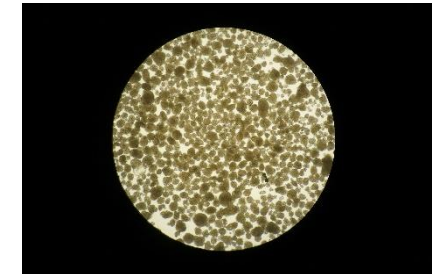
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



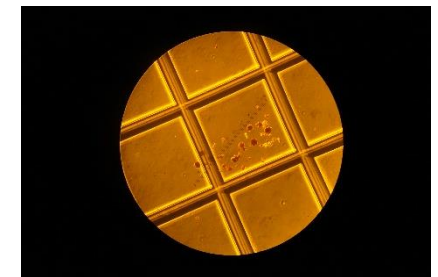
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)