

Islet Isolation

| HPAP111 | |
|--|---|
| Date of Procurement/Cross Clamp Time | 1/6/2022, 08:21 (EST) |
| Date/Time Tissues Biopsy & Islet Isolation | 1/6/2022, 15:15 (EST) |
| Date/Time Intra Ductal Enzyme Infusion | 1/6/2022, 16:03 (EST) |
| ¹ Cold Ischemia Time (CIT) | 7 hrs 42 mins |
| ² DCD Donor Warm Ischemia Time | NA |
| Pancreas Condition | Fatty |
| Pancreas Weight (trimmed) | 67.8 g |
| Total Islet Yield | 293,918 IEQ |
| ³ IEQ/g of Pancreas | 4,335.1 IEQ/g |
| Islet Purity (%) & Yield (IEQ) | ⁴ Purity (90%): 235,882 (30%): 58036 |
| Islet Viability (%) | 90 |
| GSIR (SI) | 1.5 |
| DNA Content (ng/IEQ) | 6.89 |
| Endotoxin (EU/ml) | 0.147 |
| 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

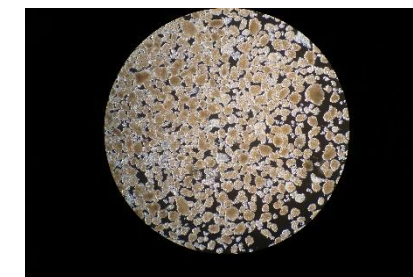
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



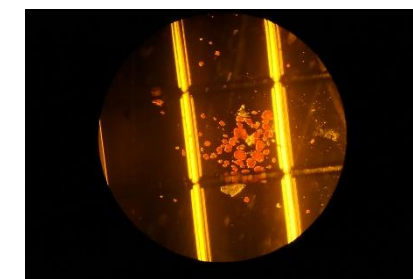
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)