

Islet Isolation

| HPAP167 | |
|--|---|
| Date of Procurement/Cross Clamp Time | 11/13/2023, 19:13 (EDT) |
| Date/Time Tissues Biopsy & Islet Isolation | 11/14/2023, 13:52 (EDT) |
| Date/Time Intra Ductal Enzyme Infusion | 11/14/2023, 14:56 (EDT) |
| ¹ Cold Ischemia Time (CIT) | 20 hrs and 43 mins |
| ² DCD Donor Warm Ischemia Time | NA |
| Pancreas Condition | Fat infiltration & Firm |
| Pancreas Weight (trimmed) | 32.6 g |
| Total Islet Yield | 32,929 IEQ |
| ³ IEQ/g of Pancreas | 1,010.1 IEQ/g |
| Islet Purity (%) & Yield (IEQ) | ⁴ Purity (30-10%): 32,929 |
| Islet Viability (%) | 80 |
| GSIR (SI) | 0.52 |
| DNA Content (ng/IEQ) | 3.13 |
| Endotoxin (EU/ml) | <0.2 |
| 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%



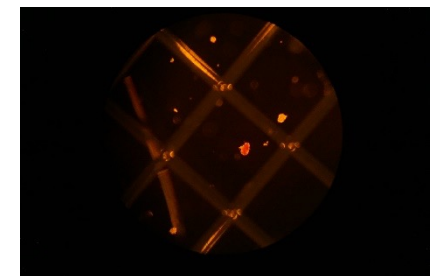
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)