

Islet Isolation

HPAP179	
Date of Procurement/Cross Clamp Time	08/20/2024, 01:50 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	08/20/2024, 10:50 (EDT)
Date/Time Intra Ductal Enzyme Infusion	08/20/2024, 12:32 (EDT)
¹ Cold Ischemia Time (CIT)	10 hrs and 42 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Many firm areas (Fibrotic)
Pancreas Weight (trimmed)	87.9 g
Total Islet Yield	80,604 IEQ
³ IEQ/g of Pancreas	917.0 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (80%): 67,308 (30%): 13,296
Islet Viability (%)	96
GSIR (SI)	3.05
DNA Content (ng/IEQ)	10.47
Endotoxin (EU/ml)	<0.255
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%



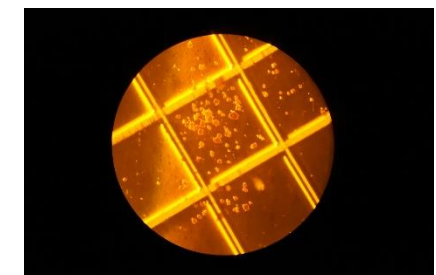
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)