

Islet Isolation

HPAP113	
Date of Procurement/Cross Clamp Time	1/15/2022, 14:09 (EST)
Date/Time Tissues Biopsy & Islet Isolation	1/16/2022, 10:10 (EST)
Date/Time Intra Ductal Enzyme Infusion	1/16/2022, 11:19 (EST)
¹ Cold Ischemia Time (CIT)	21 hrs 10 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fatty infiltration
Pancreas Weight (trimmed)	16.6 g
Total Islet Yield	68,076 IEQ
³ IEQ/g of Pancreas	4,101 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (80%): 31,594 (30%): 36,482
Islet Viability (%)	94
GSIR (SI)	0.84
DNA Content (ng/IEQ)	5.43
Endotoxin (EU/ml)	0.290
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

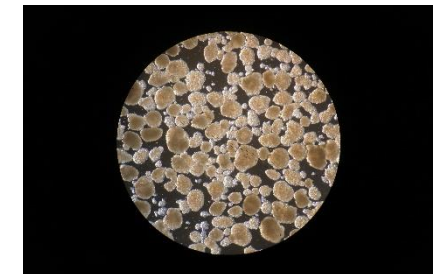
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



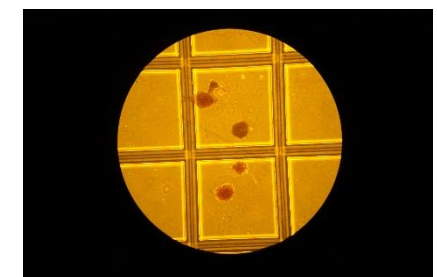
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)