

Islet Isolation

HPAP117	
Date of Procurement/Cross Clamp Time	2/2/2022, 14:19 (EST)
Date/Time Tissues Biopsy & Islet Isolation	2/3/2022, 11:59 (EST)
Date/Time Intra Ductal Enzyme Infusion	2/3/2022, 12:43 (EST)
¹ Cold Ischemia Time (CIT)	22 hrs 24 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fat heavily infiltration and parenchymal damaged
Pancreas Weight (trimmed)	82.9 g
Total Islet Yield	161,124 IEQ
³ IEQ/g of Pancreas	1,943.6 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (85%): 101,124 (30%): 60,000
Islet Viability (%)	84
GSIR (SI)	1.07
DNA Content (ng/IEQ)	3.19
Endotoxin (EU/ml)	0.297
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

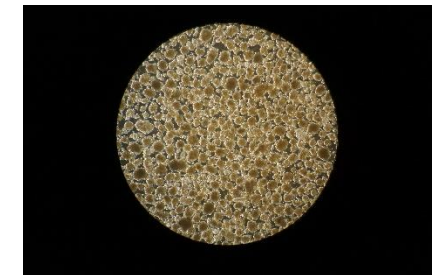
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



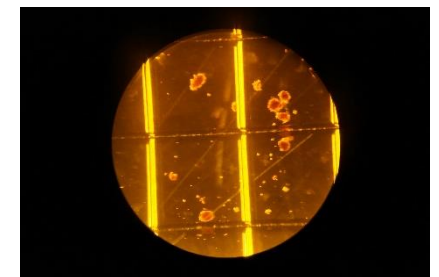
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)