

Islet Isolation

HPAP134	
Date of Procurement/Cross Clamp Time	11/3/2022, 01:17 (EST)
Date/Time Tissues Biopsy & Islet Isolation	11/3/2022, 10:50 (EST)
Date/Time Intra Ductal Enzyme Infusion	11/3/2022, 11:28 (EST)
¹ Cold Ischemia Time (CIT)	10 hrs 11 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Firm & Fatty
Pancreas Weight (trimmed)	91.9 g
Total Islet Yield	46,522 IEQ
³ IEQ/g of Pancreas	506.2 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%): 40,560 (30%): 5,962
Islet Viability (%)	94
GSIR (SI)	0.65
DNA Content (ng/IEQ)	19.04
Endotoxin (EU/ml)	<0.05
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%



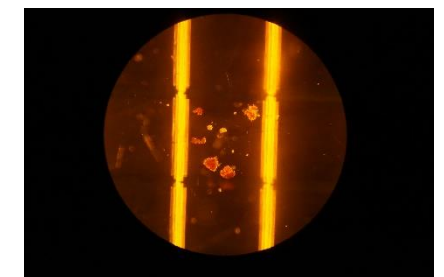
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)