

Islet Isolation

HPAP108	
Date of Procurement/Cross Clamp Time	10/19/2021, 14:39 (EST)
Date/Time Tissues Biopsy & Islet Isolation	10/20/2021, 09:37 (EST)
Date/Time Intra Ductal Enzyme Infusion	10/20/2021, 10;29 (EST)
¹ Cold Ischemia Time (CIT)	19 hrs 50 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Damaged (The pancreas was transacted at the junction of tail)
Pancreas Weight (trimmed)	85.9 g
Total Islet Yield	213,522 IEQ
³ IEQ/g of Pancreas	2,485.7 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (70%): 81,822 (40%): 131,700
Islet Viability (%)	96
GSIR (SI)	1.51
DNA Content (ng/IEQ)	4.59
Endotoxin (EU/ml)	0.073
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



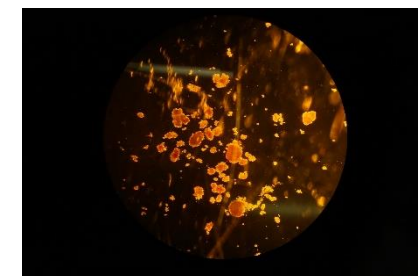
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)

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%