

Islet Isolation

HPAP198	
Date of Procurement/Cross Clamp Time	9/9/2025, 14:26 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	9/10/2025, 14:38 (EDT)
Date/Time Intra Ductal Enzyme Infusion	9/10/2025, 15:22 (EDT)
¹ Cold Ischemia Time (CIT)	24 hrs and 56 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Partial pancreas & firm
Pancreas Weight (trimmed)	33.4 g
Total Islet Yield (IEQ)	42,894
³ IEQ/g of Pancreas	1284.3
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%): 21,596 (30%): 21,298
Islet Viability (%)	95
GSIR (SI)	1.41
DNA Content (ng/IEQ)	1.17
Endotoxin (EU/ml)	0.143
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%