

Islet Isolation

HPAP190	
Date of Procurement/Cross Clamp Time	4/26/2025, 04:43 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	4/26/2025, 17:00 (EDT)
Date/Time Intra Ductal Enzyme Infusion	4/26/2025, 18:00 (EDT)
¹ Cold Ischemia Time (CIT)	13 hrs and 17 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fatty
Pancreas Weight (trimmed)	50.3 g
Total Islet Yield	352,386 IEQ
³ IEQ/g of Pancreas	7,005.7 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (95%): 316,828 (40%): 35,558
Islet Viability (%)	96
GSIR (SI)	1.99
DNA Content (ng/IEQ)	1.12
Endotoxin (EU/ml)	0.122
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

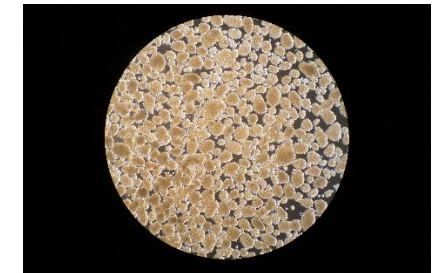
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



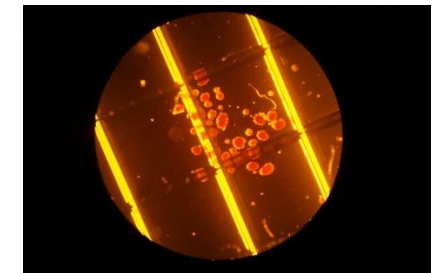
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 0)