

Islet Isolation

HPAP192	
Date of Procurement/Cross Clamp Time	5/6/2025, 12:55 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	5/6/2025, 15:00 (EDT)
Date/Time Intra Ductal Enzyme Infusion	5/6/2025, 16:05 (EDT)
¹ Cold Ischemia Time (CIT)	3 hrs and 10 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty, firm & fibrosis
Pancreas Weight (trimmed)	56.4 g
Total Islet Yield	101,796 IEQ
³ IEQ/g of Pancreas	1,805.0 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%): 101,796
Islet Viability (%)	98
GSIR (SI)	1.41
DNA Content (ng/IEQ)	2.71
Endotoxin (EU/ml)	0.147
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

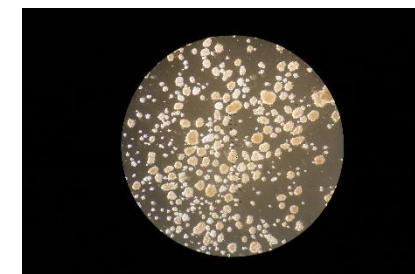
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



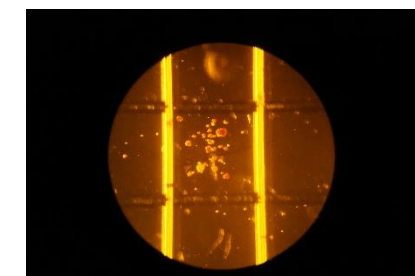
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)