

Islet Isolation

HPAP191	
Date of Procurement/Cross Clamp Time	4/29/2025, 16:38 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	4/30/2025, 08:45 (EDT)
Date/Time Intra Ductal Enzyme Infusion	4/30/2025, 09:35 (EDT)
¹ Cold Ischemia Time (CIT)	16 hrs and 57 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty and heavily fat infiltration
Pancreas Weight (trimmed)	140.6 g
Total Islet Yield	342,608 IEQ
³ IEQ/g of Pancreas	2,436.8 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (85%): 79,452 (65%): 263,156
Islet Viability (%)	95
GSIR (SI)	1.13
DNA Content (ng/IEQ)	2.17
Endotoxin (EU/ml)	0.13
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

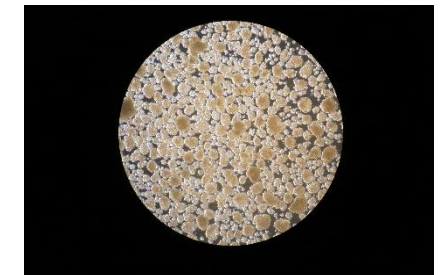
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



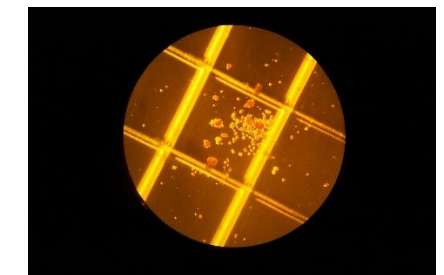
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)