

Islet Isolation

HPAP161	
Date of Procurement/Cross Clamp Time	8/21/2023, 20:40 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	8/22/2023, 10:25 (EDT)
Date/Time Intra Ductal Enzyme Infusion	8/22/2023, 11:13 (EDT)
¹ Cold Ischemia Time (CIT)	14 hrs and 33 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty
Pancreas Weight (trimmed)	61.6 g
Total Islet Yield	168,306 IEQ
³ IEQ/g of Pancreas	2,732.2 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%): 143,676 (30%): 24,630
Islet Viability (%)	95
GSIR (SI)	1.2
DNA Content (ng/IEQ)	7.02
Endotoxin (EU/ml)	0.075
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

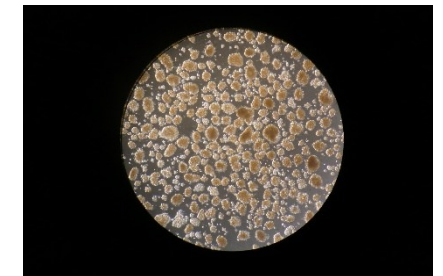
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



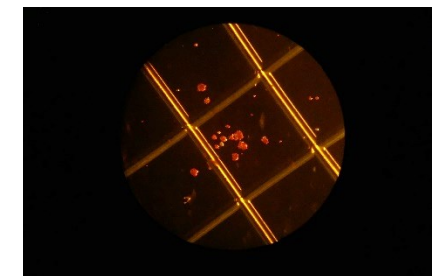
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)