

Islet Isolation

HPAP116	
Date of Procurement/Cross Clamp Time	1/28/2022, 6:11 (EST)
Date/Time Tissues Biopsy & Islet Isolation	1/28/2022, 14:03 (EST)
Date/Time Intra Ductal Enzyme Infusion	1/28/2022, 14:52 (EST)
¹ Cold Ischemia Time (CIT)	8 hrs 41 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Edemas, Fatty average
Pancreas Weight (trimmed)	84.2 g
Total Islet Yield	341,718 IEQ
³ IEQ/g of Pancreas	4,058.4 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (80%): 207,456 (30%): 134,262
Islet Viability (%)	96
GSIR (SI)	1.51
DNA Content (ng/IEQ)	2.9
Endotoxin (EU/ml)	1.16
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

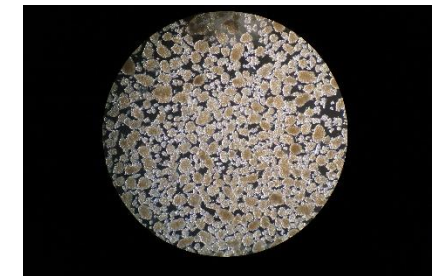
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



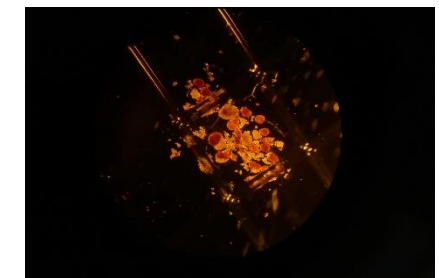
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)