

Islet Isolation

HPAP133	
Date of Procurement/Cross Clamp Time	10/3/2022, 17:26 (EST)
Date/Time Tissues Biopsy & Islet Isolation	10/4/2022, 10:16 (EST)
Date/Time Intra Ductal Enzyme Infusion	10/4/2022, 11:10 (EST)
¹ Cold Ischemia Time (CIT)	18 hrs 16 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Firm & Fatty Infiltration
Pancreas Weight (trimmed)	64.5 g
Total Islet Yield	72,319 IEQ
³ IEQ/g of Pancreas	1,121.2 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%): 48,670 (30%): 23,649
Islet Viability (%)	92
GSIR (SI)	1.34
DNA Content (ng/IEQ)	13.02
Endotoxin (EU/ml)	<0.04
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

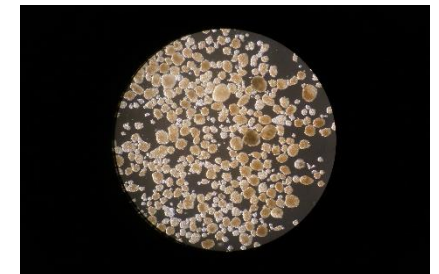
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



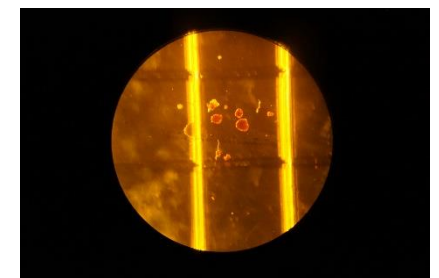
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)