

Islet Isolation

HPAP123	
Date of Procurement/Cross Clamp Time	4/27/2022, 04:50 (EST)
Date/Time Tissues Biopsy & Islet Isolation	4/27/2022, 15:30 (EST)
Date/Time Intra Ductal Enzyme Infusion	4/27/2022, 16:36 (EST)
¹ Cold Ischemia Time (CIT)	11 hrs 46 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Small & soft
Pancreas Weight (trimmed)	39.9 g
Total Islet Yield	80,040 IEQ
³ IEQ/g of Pancreas	2,006.0 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%): 41,966 (15%): 38,074
Islet Viability (%)	90
GSIR (SI)	0.45
DNA Content (ng/IEQ)	12.19
Endotoxin (EU/ml)	<0.05
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

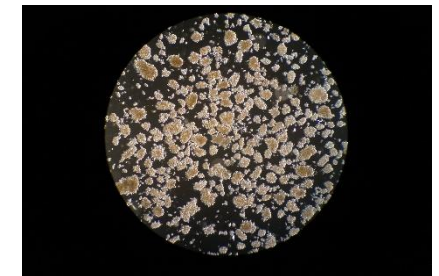
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



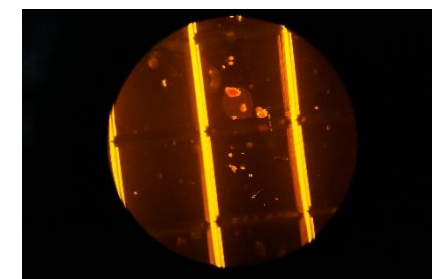
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)