

Islet Isolation

HPAP109	
Date of Procurement/Cross Clamp Time	11/11/2021, 21:41 (EST)
Date/Time Tissues Biopsy & Islet Isolation	11/12/2021, 10:20 (EST)
Date/Time Intra Ductal Enzyme Infusion	11/12/2021, 11:18 (EST)
¹ Cold Ischemia Time (CIT)	13 hrs 37 mins
² DCD Donor Warm Ischemia Time	20 minute
Pancreas Condition	Fat, cysts & pancreatitis
Pancreas Weight (trimmed)	70.7 g
Total Islet Yield	98,828 IEQ
³ IEQ/g of Pancreas	1,397.9 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (60%): 47,346 (30%): 51,482
Islet Viability (%)	96
GSIR (SI)	1.14
DNA Content (ng/IEQ)	8.12
Endotoxin (EU/ml)	0.101
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

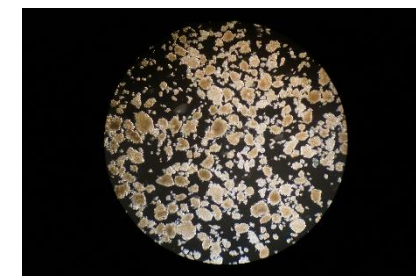
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



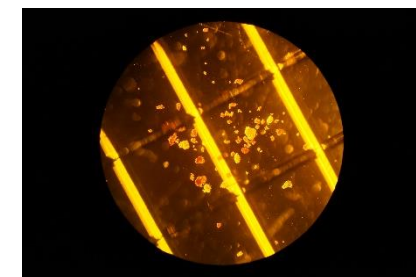
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)