

Islet Isolation

HPAP125	
Date of Procurement/Cross Clamp Time	6/8/2022, 19:40 (EST)
Date/Time Tissues Biopsy & Islet Isolation	6/9/2022, 10:35 (EST)
Date/Time Intra Ductal Enzyme Infusion	6/9/2022, 11:38 (EST)
¹ Cold Ischemia Time (CIT)	15 hrs 58 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fat infiltration
Pancreas Weight (trimmed)	57.59 g
Total Islet Yield	271,957 IEQ
³ IEQ/g of Pancreas	4,722.3 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (70%): 92,153 (50%): 179,804
Islet Viability (%)	97
GSIR (SI)	2.34
DNA Content (ng/IEQ)	4.86
Endotoxin (EU/ml)	< 0.054
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

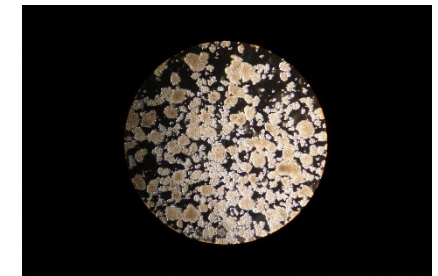
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



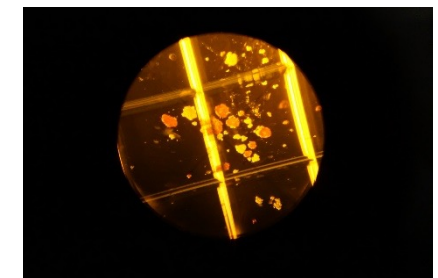
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)