

Islet Isolation

HPAP128	
Date of Procurement/Cross Clamp Time	7/20/2022, 16:31 (EST)
Date/Time Tissues Biopsy & Islet Isolation	7/21/2022, 08:26 (EST)
Date/Time Intra Ductal Enzyme Infusion	7/21/2022, 09:34 (EST)
¹ Cold Ischemia Time (CIT)	17 hrs 3 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Firm & Fatty infiltration
Pancreas Weight (trimmed)	130.3 g
Total Islet Yield	51262 IEQ
³ IEQ/g of Pancreas	393.4 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (80%): 38928 (30%):12334
Islet Viability (%)	94
GSIR (SI)	3.01
DNA Content (ng/IEQ)	14.72
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

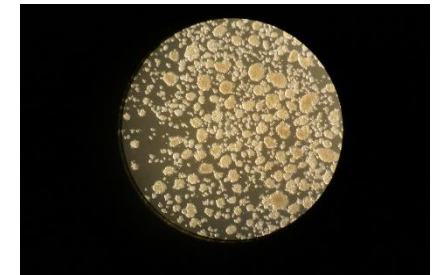
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



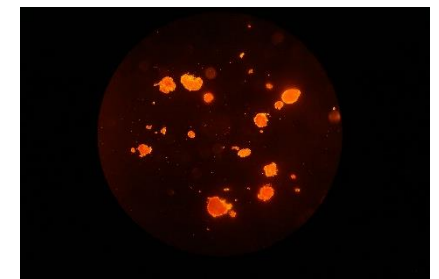
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)