

Islet Isolation

HPAP121	
Date of Procurement/Cross Clamp Time	4/15/2022, 14:18 (EST)
Date/Time Tissues Biopsy & Islet Isolation	4/16/2022, 08:59 (EST)
Date/Time Intra Ductal Enzyme Infusion	4/16/2022, 09:58 (EST)
¹ Cold Ischemia Time (CIT)	19 hrs 40 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty & Firm
Pancreas Weight (trimmed)	80.4 g
Total Islet Yield	165,362 IEQ
³ IEQ/g of Pancreas	2,056.7 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (85%): 148,990 (30%): 16,372
Islet Viability (%)	96
GSIR (SI)	1.49
DNA Content (ng/IEQ)	8.26
Endotoxin (EU/ml)	0.096
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%



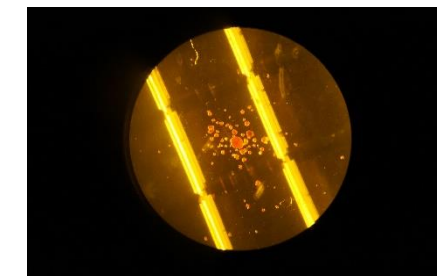
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)