

Islet Isolation

HPAP151	
Date of Procurement/Cross Clamp Time	5/4/2023, 13:35 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	5/5/2023, 10:00 (EDT)
Date/Time Intra Ductal Enzyme Infusion	5/5/2023, 10:48 (EDT)
¹ Cold Ischemia Time (CIT)	21 hrs and 13 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fatty infiltration
Pancreas Weight (trimmed)	65 g
Total Islet Yield	254,431 IEQ
³ IEQ/g of Pancreas	3,914.3 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (70%): 12,669.8 (60%): 32,249.3 (30%): 209,512
Islet Viability (%)	94
GSIR (SI)	2.6
DNA Content (ng/IEQ)	16.72
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 3)



DTZ staining (Day 3)