

Islet Isolation

HPAP157	
Date of Procurement/Cross Clamp Time	7/19/2023, 12:24 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	7/19/2023, 14:00 (EDT)
Date/Time Intra Ductal Enzyme Infusion	7/19/2023, 14:44 (EDT)
¹ Cold Ischemia Time (CIT)	2 hrs and 20 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty
Pancreas Weight (trimmed)	74.6 g
Total Islet Yield	216,342 IEQ
³ IEQ/g of Pancreas	2,900.0 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (95%): 86,596 (50%): 54,596 (25%): 78,150
Islet Viability (%)	93
GSIR (SI)	0.98
DNA Content (ng/IEQ)	6.21
Endotoxin (EU/ml)	<0.2
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%



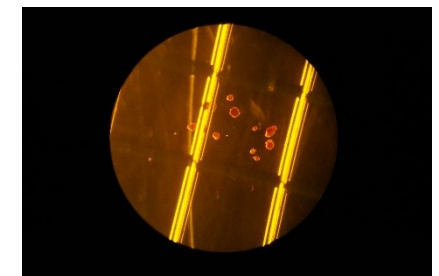
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)