

Islet Isolation

HPAP085

Date of Procurement/Cross Clamp Time	2/15/2021, 14:38 (EST)
Date/Time Tissues Biopsy & Islet Isolation	2/16/2021, 09:20 (EST)
Date/Time Intra Ductal Enzyme Infusion	2/16/2021, 10:16 (EST)
¹ Cold Ischemia Time (CIT)	19 hrs 38 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty, Firm and Fragile
Pancreas Weight (trimmed)	56.3 g
Total Islet Yield	106,398 IEQ
³ IEQ/g of Pancreas	1,889.8 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%) 62,138. (30%) 44,260.
Islet Viability (%)	95
GSIR (SI)	1.52
DNA Content (ng/IEQ)	1.66
Endotoxin (EU/ml)	0.077
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%



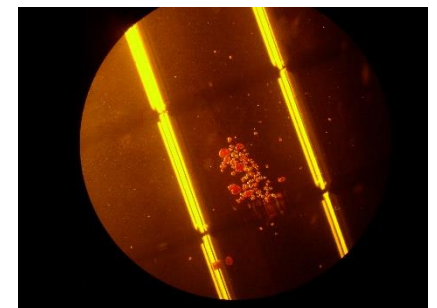
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)