

Islet Isolation

HPAP034

Date of Procurement/Cross Clamp Time	12/9/2018 / 01:02 (EST)
Date/Time Tissues Biopsy & Islet Isolation	12/9/2018 / 11:15 (EST)
Date/Time Intra Ductal Enzyme Infusion	12/9/2018 / 12:33 (EST)
¹ Cold Ischemia Time (CIT)	11 hrs 31 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minor Edemas and bloody, Minimal fatty infiltration
Pancreas Weight (trimmed)	64.33 g
Total Islet Yield	284,790 IEQ
³ IEQ/g of Pancreas	4,427.0 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (70%) 84,672; (40%) 200,118
Islet Viability (%)	95
GSIR (SI)	2.79
DNA Content (ng/IEQ)	3.76
Endotoxin (EU/ml)	0.1
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

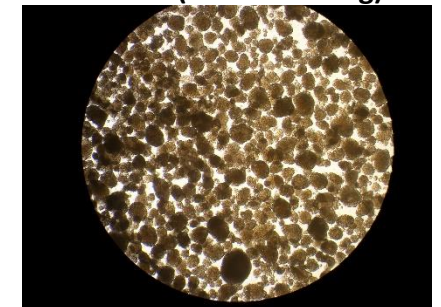
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)