

Islet Isolation

HPAP084

Date of Procurement/Cross Clamp Time	2/10/2021, 22:02 (EST)
Date/Time Tissues Biopsy & Islet Isolation	2/11/2021, 10:24 (EST)
Date/Time Intra Ductal Enzyme Infusion	2/11/2021, 11:32 (EST)
¹ Cold Ischemia Time (CIT)	11 hrs 30 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fat infiltration
Pancreas Weight (trimmed)	28.3 g
Total Islet Yield	62,852 IEQ
³ IEQ/g of Pancreas	2,220.9 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (80%) 32,260. (20%) 30,592
Islet Viability (%)	95
GSIR (SI)	1.09
DNA Content (ng/IEQ)	2.25
Endotoxin (EU/ml)	0.081
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

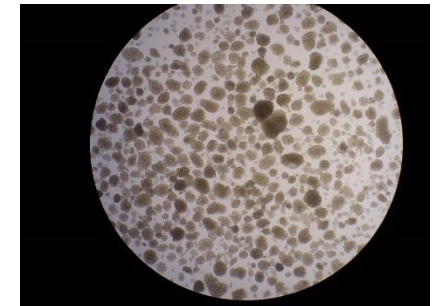
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



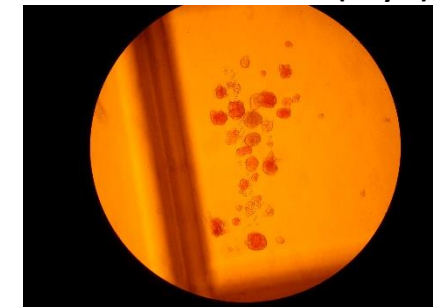
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)