

Islet Isolation

HPAP021

Date of Procurement/Cross Clamp Time	3/11/2018 / 21:48 (CST), 22:48 (EST)
Date/Time Tissues Biopsy & Islet Isolation	3/12/2018 / 14:00 (EST)
Date/Time Intra Ductal Enzyme Infusion	3/12/2018 / 15:37 (EST)
¹ Cold Ischemia Time (CIT)	16 hrs 49 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fatty infiltration
Pancreas Weight (trimmed)	24.88 g
Total Islet Yield	30,658 IEQ
³ IEQ/g of Pancreas	1232.20 IEQ/g
Islet Purity (%) & Yield	⁴ Purity (30%): 30,658 IEQ
Islet Viability (%)	93
GSIR (SI)	0.25
DNA Content (ng/IEQ)	4.78
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

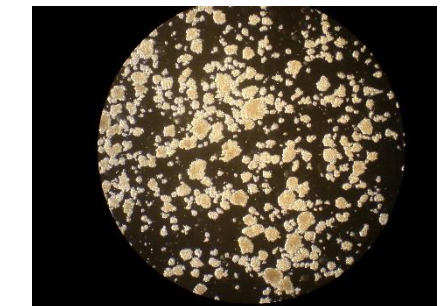
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



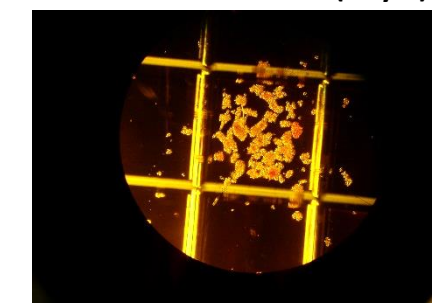
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)