

Islet Isolation

HPAP053

Date of Procurement/Cross Clamp Time	1/27/2020 / 02:49 (EST)
Date/Time Tissues Biopsy & Islet Isolation	1/27/2020 / 10:30 (EST)
Date/Time Intra Ductal Enzyme Infusion	1/27/2020 / 11:36 (EST)
¹ Cold Ischemia Time (CIT)	8 hrs 47 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty infiltration & Hematoma
Pancreas Weight (g, trimmed)	76.5
Total Islet Yield (IEQ)	462,648
³ IEQ/g of Pancreas	6,047.7
Islet Purity (%) & Yield (IEQ)	⁴ Purity (95%) 410,088 (30%) 53,560
Islet Viability (%)	91
GSIR (SI)	1.28
DNA Content (ng/IEQ)	2.76
Endotoxin (EU/ml)	0.09
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

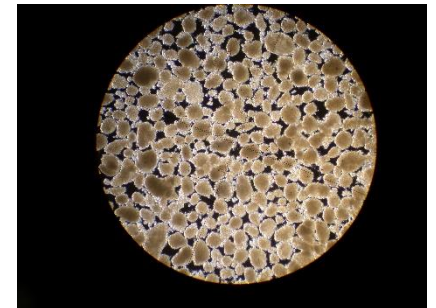
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



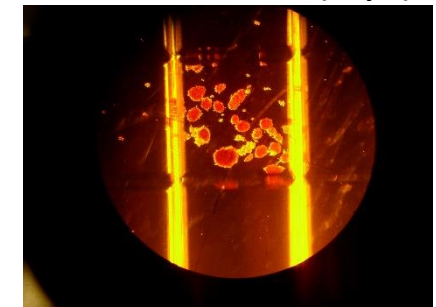
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)