

Islet Isolation

HPAP067

Date of Procurement/Cross Clamp Time	8/11/2020, 17:07 (EST)
Date/Time Tissues Biopsy & Islet Isolation	8/12/2020, 09:00 (EST)
Date/Time Intra Ductal Enzyme Infusion	8/12/2020, 10:00 (EST)
¹ Cold Ischemia Time (CIT)	16 hrs 53 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty, Fat infiltration
Pancreas Weight (trimmed)	111.2 g
Total Islet Yield	185,156 IEQ
³ IEQ/g of Pancreas	1,665.1 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (85%) 154,488, (30%) 30,688
Islet Viability (%)	90
GSIR (SI)	0.92
DNA Content (ng/IEQ)	2.03
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

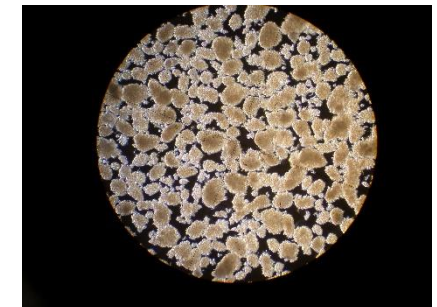
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



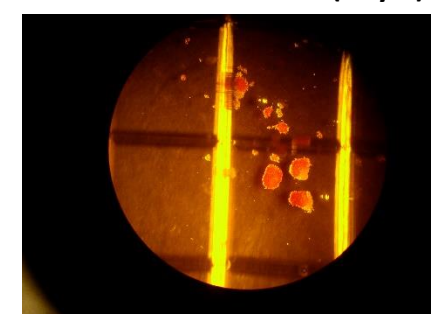
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)