

Islet Isolation

HPAP054

Date of Procurement/Cross Clamp Time	1/28/2020 / 12:19 (EST)
Date/Time Tissues Biopsy & Islet Isolation	1/28/2020 / 19:20 (EST)
Date/Time Intra Ductal Enzyme Infusion	1/28/2020 / 20:09 (EST)
¹ Cold Ischemia Time (CIT)	7 hrs 50 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Heavily Fat infiltration
Pancreas Weight (g, trimmed)	71.5
Total Islet Yield (IEQ)	462,164
³ IEQ/g of Pancreas	6,463.8
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%) 200,188 (55%) 261,976
Islet Viability (%)	93
GSIR (SI)	1.23
DNA Content (ng/IEQ)	1.62
Endotoxin (EU/ml)	<0.053
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

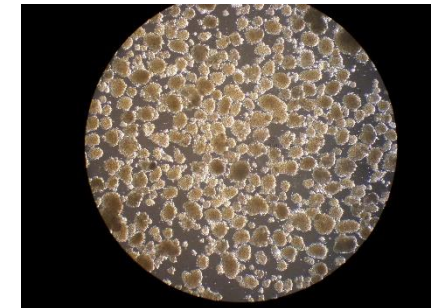
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



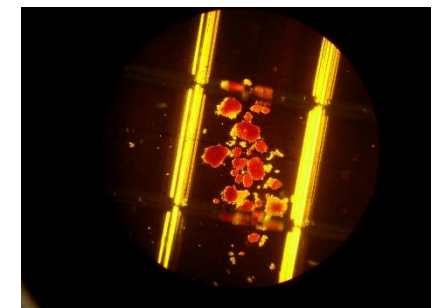
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)