

Islet Isolation

HPAP103	
Date of Procurement/Cross Clamp Time	8/3/2021, 15:19 (EST)
Date/Time Tissues Biopsy & Islet Isolation	8/4/2021, 10:02 (EST)
Date/Time Intra Ductal Enzyme Infusion	8/4/2021, 11:08 (EST)
¹ Cold Ischemia Time (CIT)	19 hrs 49 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Damaged & fatty infiltration
Pancreas Weight (trimmed)	69.4 g
Total Islet Yield	469,764 IEQ
³ IEQ/g of Pancreas	6,768.9 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (85%): 287,796 (50%): 181,968
Islet Viability (%)	95
GSIR (SI)	1.73
DNA Content (ng/IEQ)	5.85
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

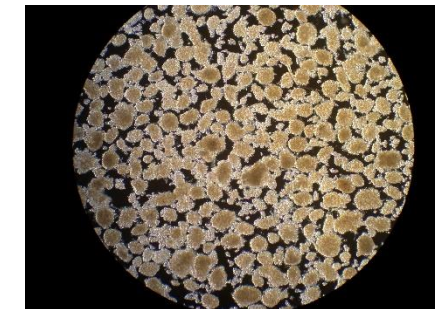
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



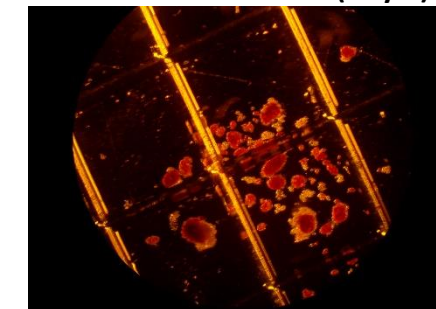
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)