

Islet Isolation

HPAP129	
Date of Procurement/Cross Clamp Time	8/11/2022, 17:31 (EST)
Date/Time Tissues Biopsy & Islet Isolation	8/12/2022, 10:30 (EST)
Date/Time Intra Ductal Enzyme Infusion	8/12/2022, 11:51 (EST)
¹ Cold Ischemia Time (CIT)	18 hrs 20 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal Fatty Infiltration
Pancreas Weight (trimmed)	71.4 g
Total Islet Yield	321,654 IEQ
³ IEQ/g of Pancreas	4,505.0 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%): 294,096 (30%): 27,558
Islet Viability (%)	97
GSIR (SI)	1.96
DNA Content (ng/IEQ)	9.09
Endotoxin (EU/ml)	0.066
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

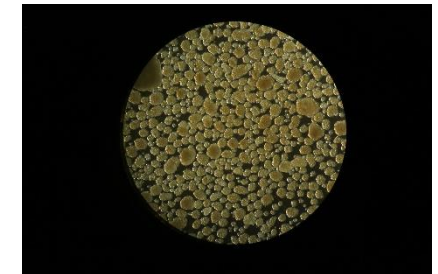
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



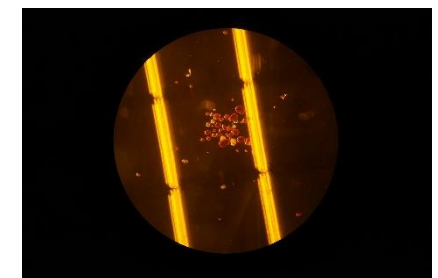
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 3)



DTZ staining (Day 3)