

Islet Isolation

HPAP159	
Date of Procurement/Cross Clamp Time	8/2/2023, 17:47 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	8/3/2023, 10:00 (EDT)
Date/Time Intra Ductal Enzyme Infusion	8/3/2023, 11:08 (EDT)
¹ Cold Ischemia Time (CIT)	17 hrs and 21 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Damaged & Fatty
Pancreas Weight (trimmed)	51.7 g
Total Islet Yield	373,486 IEQ
³ IEQ/g of Pancreas	7224.1 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (60-70%): 213,708 (40%): 159,778
Islet Viability (%)	91
GSIR (SI)	3.0
DNA Content (ng/IEQ)	9
Endotoxin (EU/ml)	<0.2
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

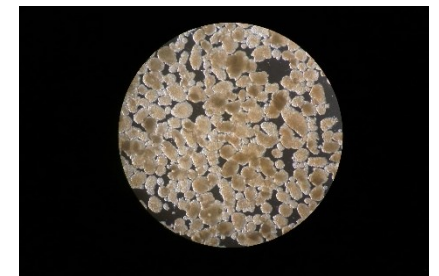
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



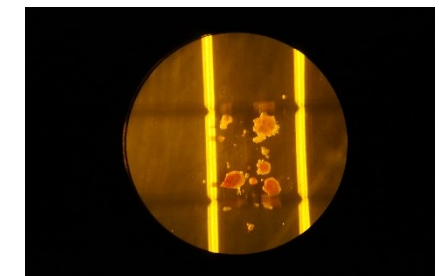
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)