

Islet Isolation

HPAP181	
Date of Procurement/Cross Clamp Time	08/31/2024, 11:05 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	08/31/2024, 15: 38 (EDT)
Date/Time Intra Ductal Enzyme Infusion	08/31/2024, 16:17 (EDT)
¹ Cold Ischemia Time (CIT)	5 hrs and 12 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Heavily fatty
Pancreas Weight (trimmed)	93.2 g
Total Islet Yield	347,944 IEQ
³ IEQ/g of Pancreas	3,733.3 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%): 231,274 (70%): 116,670
Islet Viability (%)	97
GSIR (SI)	1.32
DNA Content (ng/IEQ)	8.31
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

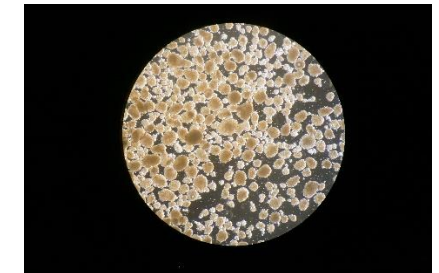
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



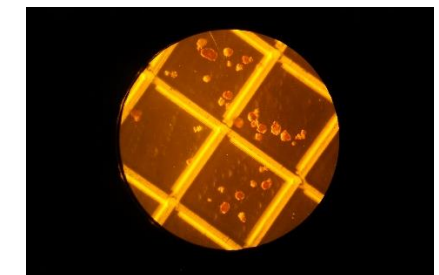
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)