

Islet Isolation

HPAP185	
Date of Procurement/Cross Clamp Time	11/30/2024, 20:00 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	12/1/2024, 09:45 (EDT)
Date/Time Intra Ductal Enzyme Infusion	12/1/2024, 10:28 (EDT)
¹ Cold Ischemia Time (CIT)	12 hrs and 28 mins
² DCD Donor Warm Ischemia Time	No
Pancreas Condition	Fatty
Pancreas Weight (trimmed)	84.8 g
Total Islet Yield	272,706 IEQ
³ IEQ/g of Pancreas	IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (80%): 166,150 (50%): 106,556
Islet Viability (%)	80
GSIR (SI)	2.922
DNA Content (ng/IEQ)	2.28
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

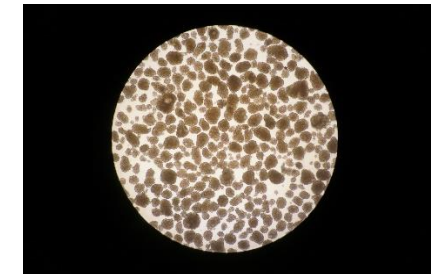
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



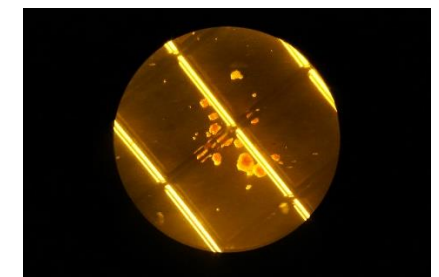
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)