

Islet Isolation

HPAP171	
Date of Procurement/Cross Clamp Time	2/15/2024, 02:56 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	2/15/2024, 19:53 (EDT)
Date/Time Intra Ductal Enzyme Infusion	2/15/2024, 20:29 (EDT)
¹ Cold Ischemia Time (CIT)	17 hrs and 33 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty and fat infiltration
Pancreas Weight (trimmed)	110.6 g
Total Islet Yield	129,536 IEQ
³ IEQ/g of Pancreas	1,177.6 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%): 84,608. (30%): 44,928
Islet Viability (%)	89
GSIR (SI)	3.25
DNA Content (ng/IEQ)	7.41
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%



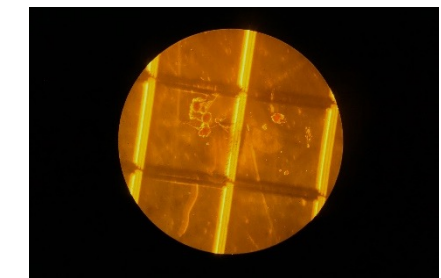
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)