

Islet Isolation

HPAP193	
Date of Procurement/Cross Clamp Time	6/1/2025, 07:57 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	6/1/2025, 18:40 (EDT)
Date/Time Intra Ductal Enzyme Infusion	6/1/2025, 19:38 (EDT)
¹ Cold Ischemia Time (CIT)	11 hrs and 41 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty
Pancreas Weight (trimmed)	114.4 g
Total Islet Yield	401,315 IEQ
³ IEQ/g of Pancreas	3,508.0 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (95%): 247,682 (65%): 153,633
Islet Viability (%)	95
GSIR (SI)	1.78
DNA Content (ng/IEQ)	1.6
Endotoxin (EU/ml)	0.193
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

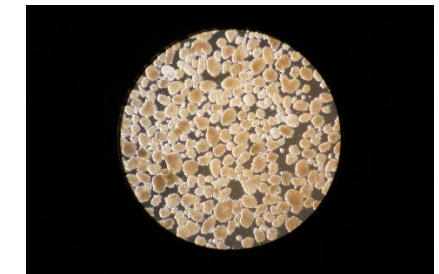
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)