

Islet Isolation

HPAP023

Date of Procurement/Cross Clamp Time	4/3/2018 / 11:24 (CDT), 12:24 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	4/4/2018 / 07:35 (EDT)
Date/Time Intra Ductal Enzyme Infusion	4/4/2018 / 09:27 (EST)
¹ Cold Ischemia Time (CIT)	21 hrs 03 mins
² DCD Donor Warm Ischemia Time	21 minutes
Pancreas Condition	Minimal fatty infiltration
Pancreas Weight (trimmed)	26.41 g
Total Islet Yield	26,296 IEQ
³ IEQ/g of Pancreas	995.68 IEQ/g
Islet Purity (%) & Yield	⁴ Purity (60%): 6000IEQ, (15%): 20,296IEQ
Islet Viability (%)	95
GSIR (SI)	0.16
DNA Content (ng/IEQ)	6.05
Endotoxin (EU/ml)	0.082
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

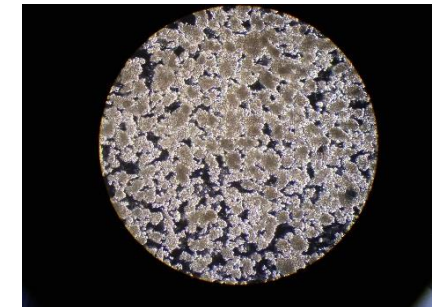
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)