

Islet Isolation

HPAP028

Date of Procurement/Cross Clamp Time	6/25/2018 / 22:38 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	6/26 /2018 / 16:40 (EDT)
Date/Time Intra Ductal Enzyme Infusion	6/26/2018 / 18:23 (EST)
¹ Cold Ischemia Time (CIT)	19 hrs 45 mins
² DCD Donor Warm Ischemia Time	No
Pancreas Condition	Minimal fatty infiltration
Pancreas Weight (trimmed)	12.55 g
Total Islet Yield	30,184 IEQ
³ IEQ/g of Pancreas	2405.1 IEQ/g
Islet Purity (%) & Yield	⁴ Purity (40%) 30,184 IEQ
Islet Viability (%)	88
GSIR (SI)	0 (No insulin was detected after the glucose stimulation)
DNA Content (ng/IEQ)	16.23
Endotoxin (EU/ml)	0.081
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

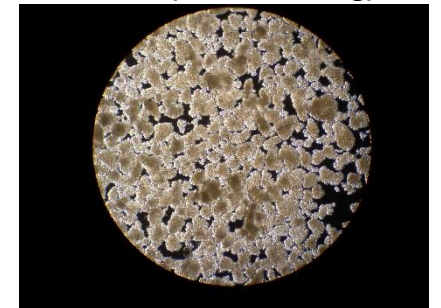
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



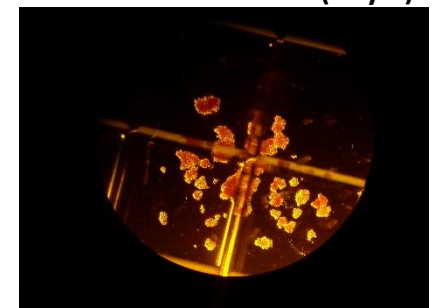
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)