

Islet Isolation

HPAP038

Date of Procurement/Cross Clamp Time	4/3/2019 / 21:50 (EST)
Date/Time Tissues Biopsy & Islet Isolation	4/4/2019 / 10:20 (EST)
Date/Time Intra Ductal Enzyme Infusion	4/4/2019 / 11:17 (EST)
¹ Cold Ischemia Time (CIT)	13 hrs 27 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Damaged (Head)
Pancreas Weight (trimmed)	55.59 g
Total Islet Yield	259,614 IEQ
³ IEQ/g of Pancreas	4670.2 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (95%) 230,614; (30%) 29,000
Islet Viability (%)	91
GSIR (SI)	0.78
DNA Content (ng/IEQ)	4.51
Endotoxin (EU/ml)	0.175
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



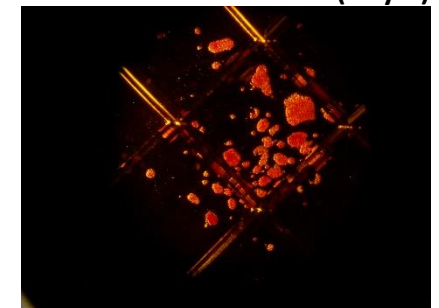
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 0)

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%