

Islet Isolation

HPAP003

Date of Procurement/Cross Clamp Time	1/18/2017 / 03:52 (EST)
Date/Time Tissues Biopsy & Islet Isolation	1/18/2017 / 12:30 (EST)
Date/Time Intra Ductal Enzyme Infusion	1/18/2017 / 14:25 (EST)
¹ Cold Ischemia Time (CIT)	10 hrs 33 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Edema and firm in tail
Pancreas Weight (trimmed)	86 g
Total Islet Yield	154,058 IEQ
³ IEQ/g of Pancreas	1791.2 IEQ/g
Islet Purity (%) & Yield	⁴ High purity (85%): 131,020 IEQ , Low purity (40%): 23,038 IEQ
Islet Viability	90%
GSIR (SI)	1.64
DNA Content (ng/IEQ)	176
Endotoxin (EU/ml)	<0.1
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



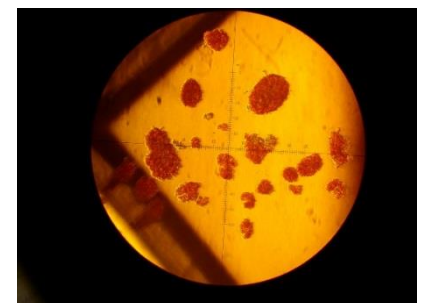
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islet in culture media (Day 1)



DTZ staining (Day 1)

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%