

Islet Isolation

HPAP012

Date of Procurement/Cross Clamp Time	7/7/2017 / 06:43 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	7/7/2017 / 19:07 (EDT)
Date/Time Intra Ductal Enzyme Infusion	7/7/2017 / 20: 04 (EDT)
¹ Cold Ischemia Time (CIT)	13 hrs 21 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fatty infiltration
Pancreas Weight (trimmed)	63.89 g
Total Islet Yield	222,534 IEQ
³ IEQ/g of Pancreas	3,483.1 IEQ/g
Islet Purity (%) & Yield	⁴ High purity (95%): 156,678 IEQ , Low purity (30%): 65,856 IEQ
Islet Viability	94%
GSIR (SI)	1.42
DNA Content (ng/IEQ)	2.53
Endotoxin (EU/ml)	<0.550
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



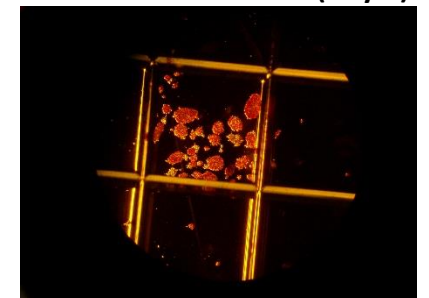
Pancreas (Pre trimming)



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%