

Islet Isolation

HPAP017

Date of Procurement/Cross Clamp Time	9/16/2017 / 5:18 (PDT), 8:18 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	9/17/2017 / 1:56 (EDT)
Date/Time Intra Ductal Enzyme Infusion	9/17/2017 / 2:56 (EDT)
¹ Cold Ischemia Time (CIT)	18 hrs 38 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty (Patchy Infiltration)
Pancreas Weight (trimmed)	109.42 g
Total Islet Yield	361,790 IEQ
³ IEQ/g of Pancreas	3306.4 IEQ/g
Islet Purity (%) & Yield	⁴ High Purity (90%): 310,900 IEQ , Low Purity (30%): 50,890 IEQ
Islet Viability	92%
GSIR (SI)	2.13
DNA Content (ng/IEQ)	9.6
Endotoxin (EU/ml)	<0.100
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%



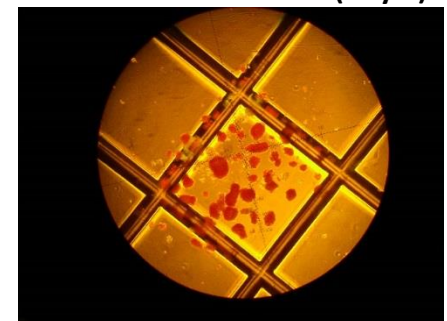
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islet in culture media (Day 1)



DTZ staining (Day 1)