

Islet Isolation

HPAP069

Date of Procurement/Cross Clamp Time	9/17/2020, 13:34 (EST)
Date/Time Tissues Biopsy & Islet Isolation	9/17/2020, 19:29 (EST)
Date/Time Intra Ductal Enzyme Infusion	9/17/2020, 20:15 (EST)
¹ Cold Ischemia Time (CIT)	6 hrs 41 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fat infiltration
Pancreas Weight (trimmed)	73.5 g
Total Islet Yield	324,389 IEQ
³ IEQ/g of Pancreas	4413.5 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%) 201,533. (45%) 53,224. (30%) 69632
Islet Viability (%)	94
GSIR (SI)	2.6
DNA Content (ng/IEQ)	3.13
Endotoxin (EU/ml)	<0.1
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

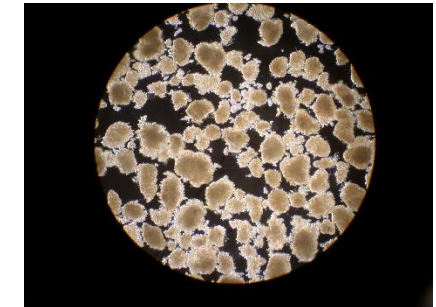
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



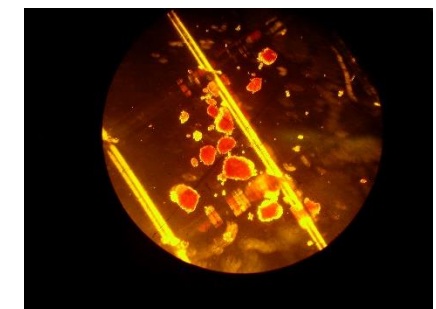
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)