

Islet Isolation

HPAP097

Date of Procurement/Cross Clamp Time	6/17/2021, 01:50 (EST)
Date/Time Tissues Biopsy & Islet Isolation	6/17/2021, 10:20 (EST)
Date/Time Intra Ductal Enzyme Infusion	6/17/2021, 11:12 (EST)
¹ Cold Ischemia Time (CIT)	9 hrs 22 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fatty infiltration
Pancreas Weight (trimmed)	72.2 g
Total Islet Yield	411,276 IEQ
³ IEQ/g of Pancreas	5,696.3 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (85%) 378,644. (30%) 32,632
Islet Viability (%)	95
GSIR (SI)	1.7
DNA Content (ng/IEQ)	1.91
Endotoxin (EU/ml)	<0.05
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

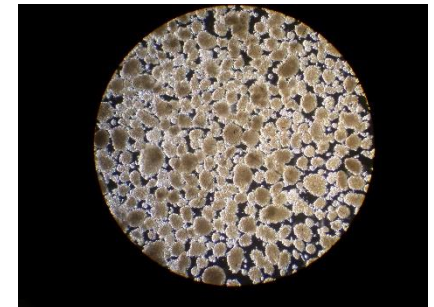
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



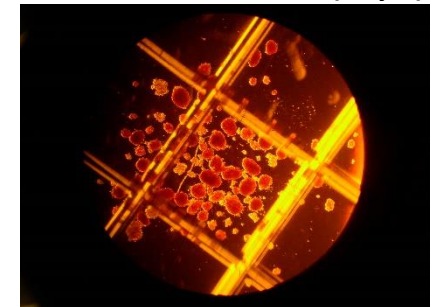
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)