

Islet Isolation

HPAP099

Date of Procurement/Cross Clamp Time	6/24/2021, 07:00 (EST)
Date/Time Tissues Biopsy & Islet Isolation	6/24/2021, 11:55 (EST)
Date/Time Intra Ductal Enzyme Infusion	6/24/2021, 13:09 (EST)
¹ Cold Ischemia Time (CIT)	6 hrs 09 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fatty infiltration
Pancreas Weight (trimmed)	61 g
Total Islet Yield	504,468 IEQ
³ IEQ/g of Pancreas	8,270 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (85%) 443,170. (30%) 61,298
Islet Viability (%)	95
GSIR (SI)	1.25
DNA Content (ng/IEQ)	1.78
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

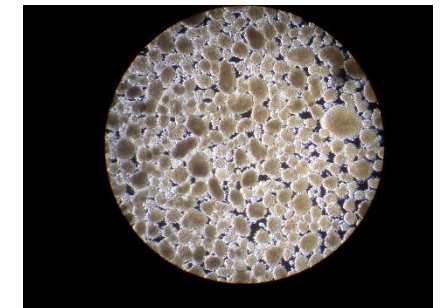
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



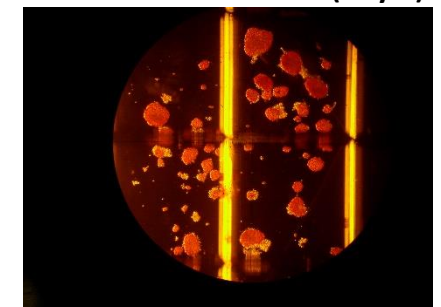
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)