

Islet Isolation

HPAP056

Date of Procurement/Cross Clamp Time	2/3/2020, 06:44 (EST)
Date/Time Tissues Biopsy & Islet Isolation	2/3/2020, 14:30 (EST)
Date/Time Intra Ductal Enzyme Infusion	2/3/2020, 15:16 (EST)
¹ Cold Ischemia Time (CIT)	8 hrs 32 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fat average
Pancreas Weight (trimmed)	79 g
Total Islet Yield	292.676 IEQ
³ IEQ/g of Pancreas	3,704.8 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (70%) 205,450 (30%) 87,226
Islet Viability (%)	95
GSIR (SI)	1.54
DNA Content (ng/IEQ)	4.21
Endotoxin (EU/ml)	0.054
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

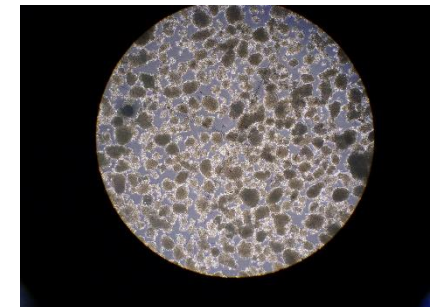
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)