

Islet Isolation

HPAP066

Date of Procurement/Cross Clamp Time	7/30/2020, 23:05 (EST)
Date/Time Tissues Biopsy & Islet Isolation	7/31/2020, 09:35 (EST)
Date/Time Intra Ductal Enzyme Infusion	7/31/2020, 10:29 (EST)
¹ Cold Ischemia Time (CIT)	11 hrs 24 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Pancreas damaged (head)
Pancreas Weight (trimmed)	84.2 g
Total Islet Yield	453,612 IEQ
³ IEQ/g of Pancreas	5,387 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (80%) 285,809, (50%) 102,281, (30%) 66,522
Islet Viability (%)	96
GSIR (SI)	0.72
DNA Content (ng/IEQ)	1.44
Endotoxin (EU/ml)	<0.09
Sterility Test	Gram positive diphtheroid-like rods, no further identification, susceptibilities are not performed.

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

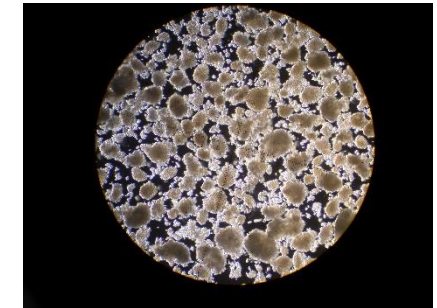
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



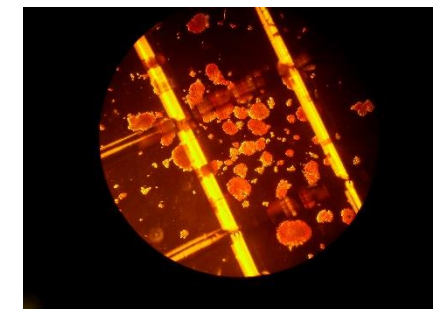
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)