

Islet Isolation

HPAP006

Date of Procurement/Cross Clamp Time	3/2/2017 / 16:06 (EST)
Date/Time Tissues Biopsy & Islet Isolation	3/3/2017 / 07:45 (EST)
Date/Time Intra Ductal Enzyme Infusion	3/3/2017 / 09:07 (EST)
¹ Cold Ischemia Time (CIT)	17 hrs 01 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fatty infiltration
Pancreas Weight (trimmed)	79.58 g
Total Islet Yield	204, 848 IEQ
³ IEQ/g of Pancreas	2,574.11 IEQ/g
Islet Purity (%) & Yield	⁴ High purity (80%): 157,106 IEQ , Low purity (35%): 47,742 IEQ
Islet Viability	88%
GSIR (SI)	1.41
DNA Content (ng/IEQ)	54
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

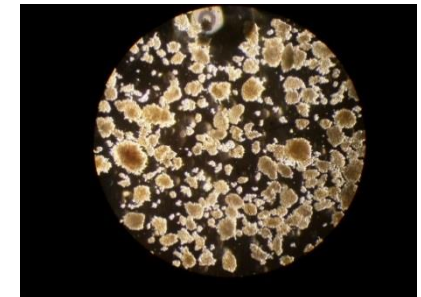
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



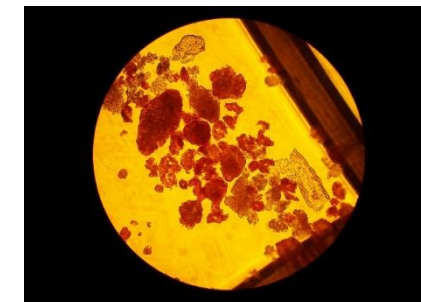
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islet in culture media (Day 0)



DTZ staining (Day 0)