

# Islet Isolation

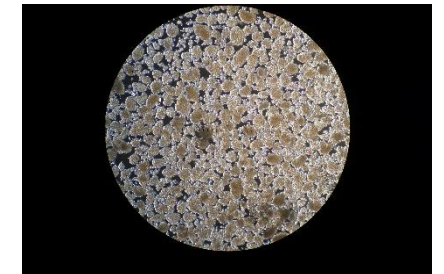
HPAP122	
Date of Procurement/Cross Clamp Time	4/22/2022, 05:26 (EST)
Date/Time Tissues Biopsy & Islet Isolation	4/22/2022, 13:00 (EST)
Date/Time Intra Ductal Enzyme Infusion	4/22/2022, 16:04 (EST)
<sup>1</sup> Cold Ischemia Time (CIT)	10 hrs 38 mins
<sup>2</sup> DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fat infiltration
Pancreas Weight (trimmed)	71.1 g
Total Islet Yield	702,860 IEQ
<sup>3</sup> IEQ/g of Pancreas	9,885.5 IEQ/g
Islet Purity (%) & Yield (IEQ)	<sup>4</sup> Purity (90%): 608,826 (30%): 94,034
Islet Viability (%)	97
GSIR (SI)	3.14
DNA Content (ng/IEQ)	8.62
Endotoxin (EU/ml)	<0.05
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



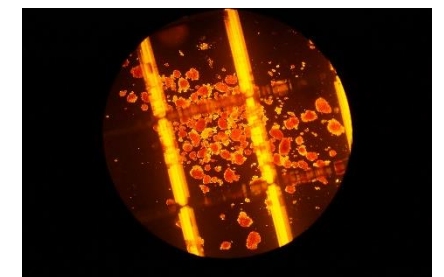
**Pancreas (Pre trimming)**



**Pancreas (Post trimming)**



**Islets in culture media (Day 0)**



**DTZ staining (Day 0)**

<sup>1</sup>CIT = duration from Cross clamp time till Intra ductal enzyme infusion

<sup>2</sup>DCD = Donation after Cardiac Death (circulatory arrest)

<sup>3</sup>IEQ/g = Islet equivalent per gram of pancreas = Total isolated islets / Weight of pancreas

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