

Supplementary Information for

Comparative Study of The Effects of Confounding Factors on Improving Rat Pancreatic Islet Isolation Yield and Quality

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Table S1: Comparison of different density gradients in the purification step

Multiple comparisons						
Dependent variable	Type of gradient		Mean difference	Std. error	95% Confidence interval	
					Lower bound	Upper bound
Purity	Lymphodex	Histopaque	26.16*	3.87	18.41	33.91
		Pancol	26.18*	3.63	18.92	33.44
IEQ	Histopaque	Pancol	0.02	2.73	-5.45	5.49
	Lymphodex	Histopaque	-3005.61*	962.41	-4931.40	-1079.82
		Pancol	-2322.31*	901.67	-4126.54	-518.08
	Histopaque	Pancol	683.30	679.46	-676.30	2042.90
IPN	Lymphodex	Histopaque	-696.51*	209.53	-1115.78	-277.24
		Pancol	-845.51*	196.30	-1238.31	-452.70
	Histopaque	Pancol	-148.99	147.93	-445.00	147.01

*; The mean difference is significant at the 0.05 level between each set of gradient types.