



Aug 30,
2019

Tissue dissociation protocol for Pan Immune Project Tissue

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Works for me

dx.doi.org/10.17504/protocols.io.ymzfu76



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Tissue dissociation
protocol for Pan Immune
Project Tissue Prep
Summary.docx

- 1 Chop tissues into small pieces, weigh
- 2 Add <5.0g per miltenyi C tube with 5mL 1x liberase/DNase in xvivo15 + 1%FCS
- 3 Run on GentleMACS Octo 30 mins/37oC cycle
- 4 Stop liberase with 2mM EDTA
- 5 Mash through smart strainer
- 6 PBS wash/spin cells to pellet at 500g/10 minutes. Resuspend pellet in PBS.
- 7 Layer onto ficoll and spin at RT 400g/25 minutes
- 8 Remove MNCs from ficoll later and wash with PBS
- 9 Filter through 0.2uM filter

10 Count viable cells and resuspend at concentration of 1000/uL in 10X buffer (chilled PBS + 0.05% FBS) for loading to 10X



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