

## DNase

1. Thaw cells and transfer to 15 ml tube
2. Adjust concentration to  $1 - 2 \times 10^6$  cells/ml using media (no serum)
3. Add 6  $\mu\text{g/ml}$  of DNase (1 mg/ml stock, use 6  $\mu\text{l/ml}$ )

At RPCI we are now using [12.5ug/mL which is 10ul of DNase @ 20,000U/mL for every 10mL of complete media.](#)

4. Incubate for 37° C for 15 - 30 minutes (France does 5 minutes)
5. Spin (slow speed ~1000 RPM to start) for 7 min and Wash

## DNase (cat # DPRF)

Worthington Biochemical

2,200 U/mg

10,689 U/vial

4.85 mg/vial

Dilute to 1 mg/ml = 2,100 U/ml

Use 6  $\mu\text{g/ml}$  or 12 U/ml