Rabbit Buffy Coat Cell Protocol-Modified Version
Mike Sun, 1/16/03

1. Draw 3ml of rabbit peripheral blood into test tube containing 20 units of heparin.
2. Mix gently the above solution with 10ml PBS (AMP+?) culture media.
3. Centrifuge using IEC-HNSII at approx. 1000rmp (1/2 max setting) for 10min.
4. Discard all supernatant except for 200ul directly above the cell pellet. (note that the yellowish and white buffy-coat cells which is the whole mixture of white blood cells will be on top of the cell pellet)
5. Gently remove the buffy-coat layer with the remaining supernatant.
6. Centrifuge using a 1.5 ml tube in microcentrifuge (Marathon) for 5 min at setting #2.
7. Again discard supernatant and collect buffy coat cell layer carefully into 500ul of PBS solution.
8. Mix gently and repeat step 6 and 7.
9. The buffy coat cell suspension in PBS is now ready for cell count and adenovirus infections. The total cell number obtained from 3ml of blood is approx. 2x10^7.