



**Title:** *Hybridoma Generation: Adenovirus (Ad) expression vector-spike (Ad-S) or Ad-nucleoprotein (Ad-N)* No: RTLP-GL-Ab-15

Location: *Old CCRC Tripp Lab* Approval Date: 10 September 2004 Supersedes Date:

**Materials:** Page 1 of 1

- Lab coat
- Gloves
- Adenovirus (Ad) expression vector-spike (Ad-S)
- Adenovirus (Ad) expression vector-nucleoprotein (Ad-N)
- 1 mL Leur- lock syringes
- 25 gauge needle
- Adjuvant: TiterMax Gold
- Phosphate Buffered Saline (PBS)
- Pipettes
- Pipetteman
- Pipette Aid
- Pipetteman tips

**Procedure:**

1. Prepare Ad-S or Ad-N to  $2 \times 10^7$  pfu/ml in PBS
2. Using Leur-lok syringe, draw up CV
3. Eye/tail bleed naïve mice
4. Immunize naïve mouse i.p using 0.2 ml/mouse ( $10^6$  pfu/mouse final)
5. Rest 14 days
6. At day 14 post-treatment, eye/tail bleed
7. Boost animal with the same dose as in step 4.
8. Rest 7 days
9. At day 21 post-boost, eye/tail bleed
10. Boost animal with the same dose as in step 4.
11. At day 24, harvest spleen for fusion.

Author	Management Approval/Date	Effective Date

