

GeneReleaser® HIV in White Blood Cells Protocol

1. Place volume of cells (nucleated) obtained from ficoll enrichment equal to $\sim 10^8$ cells into amplification tube.
2. Wash cells 1X with normal saline.
3. Discard the supernatant following gentle (ie $<1000 \times g$) centrifugation
4. Resuspend cell pellet with 20ul of GeneReleaser®.
5. Vortex
6. Overlay with ~ 50 ul mineral oil.
7. Lyse cells + GeneReleaser® with either thermocycle or microwave procedure in amplification tubes.
8. Add 100ul of sterile DI to the lysate.
9. Vortex.
10. Centrifuge $10,000 \times g$ for 5 minutes.
11. Transfer supernatant to fresh tube.
12. Use 1-10ul as source of target DNA for amplification
13. Supernatant recovered in step 11 can be stored for at least 1 year at -20°C .

If you have further questions, please contact us at support@bioventures.com. You may also contact us via fax (1-877-286-0330) or through our toll-free phone number (1-877-852-7846).