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www.histonecode.com

Ammonium Sulfate IgG Precipitation

Revised by S Houston
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Procedure

1. Mix equal volume of saturated ammonium sulfate solution with anti-serum (I would usually precipitate 500 ul of antiserum at a time, but you can do a lot less).
Let sample rotate for 1 hour at 4 degrees.
2. Spin at 10,000 rpm for 20 min.
Discard supernatant.
3. Dissolve pellet in 500 ul PBS plus protease inhibitors.
4. Add 500 ul saturated ammonium sulfate solution.
Rotate 1 hour at 4 degrees.
5. Spin at 10,000 rpm for 20 min.
6. Resuspend pellet in PBS (Resuspend in the original volume of antiserum) plus protease inhibitors.
7. Dialyze overnight in 1000X volume of PBS plus PMSF at 4°C.