

Materials List for:

In vitro Uncoating of HIV-1 Cores

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Materials

| Name | Company | Catalog Number | Comments |
|----------------------------------------------------------------|--------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DMEM | Cellgro | 10-013-CV | |
| PBS | Cellgro | 21-031-CV | |
| Triton-X-100 | Mallinckrodt Baker Inc. | 9002-93-1 | |
| Tween 20 | Acros Organics | 9005-64-5 | |
| 0.25% Trypsin-EDTA | Cellgro | 25-053-CI | |
| 2XBBS | | | Composition: 50mM BES [p ^H 6.95], 280 mM NaCl and 1.5 mM Na ₂ HPO ₄ . Adjust pH to 6.95 at room temperature. Filter sterilize & store in aliquots at -20°C. |
| Coating antibody: Monoclonal antibody to p24 (183-H12-5C) | National Institutes of Health | 3537 | |
| Primary antibody: HIV-Ig (hyperimmune human patient serum) | National Institutes of Health | 3957 | |
| Secondary antibody: Goat anti-human IgG, peroxidase conjugated | Pierce, Thermo Scientific | 31130 | |
| HRP substrate | KPL Inc | 50-76-11 | |
| Immulon 2HB 96 well plates | Thermo Fisher Scientific, Inc. | 3455 | |
| SW32Ti and SW32.1 Ti rotors and compatible ultracentrifuge | Beckman Coulter Inc. | | |
| TLA-55 rotor and tabletop ultracentrifuge | Beckman Coulter Inc. | | |
| High speed microfuge tubes | Beckman Coulter Inc. | 326823, 358123, 357448 | |
| Auto-Densi Flow density gradient fractionator | Labconco Corp. | 4517000 | |
| Gradient Former | CBS Scientific Co. Inc. | GM-20 | |