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### Certificate of Analysis and Data Sheet

## HIV-1 gag p24 (a.a. 77-436) Recombinant Strain IIIB

**Catalog No.**  
MD-14-0281P

**Source**  
E. coli

### Description

HIV-1 gag p24 Ag strain IIIB Recombinant.

Human Immunodeficiency Virus Type 1 (HIV-1) gag p24 Antigen, (amino acids 77-436) strain IIIB Recombinant a.a 77 to a.a 436 of the HIV-I gag p24 region. 39 kDa with Beta-galactosidase (114 kDa) fused at the N-terminus. Reacts strongly with HIV positive serum.

### Source

*E. coli*, recombinant

### Format

Purified, Liquid

### Purification

>95% pure (SDS-PAGE) (Bradford et al.)

### Concentration

1 mg/ml (OD 280 nm)

### Buffer

8 M Urea, 20 mM Tris-HCl, pH 8.0; 10mM Beta-mercaptoethanol

### Preservative

None

### Applications

Suitable in ELISA, Western blot, Colloidal Gold and Latex Beads. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

### Storage

Short term store at 2–8 °C. Long term, aliquot and store at -20 °C. Avoid multiple freeze/thaw cycles.

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**