



## Recombinant HIV type 1 p24 Core Antigen [His] (DAG3534)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human immunodeficiency virus-1 P24 Core  |
| <b>Specificity</b>      | Immunoreactive with all sera of HIV-1 infected individuals.  |
| <b>Species</b>          | HIV  |
| <b>Purity</b>           | Greater than 95.0% as determined by HPLC analysis and SDS-PAGE.  |
| <b>Conjugate</b>        | His  |
| <b>Applications</b>     | WB, ELISA  |
| <b>Format</b>           | Liquid   |
| <b>Buffer</b>           | 50mM Tris, pH 8.5 and 8M urea  |
| <b>Preservative</b>     | None   |
| <b>Storage</b>          | HIV-1 p24 core although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles. |

### BACKGROUND

|                     |  |
|---------------------|--|
| <b>Introduction</b> | p24 is a component of the HIV particle capsid. There are approximately 2000 molecules per virus particle, or at a molecule weight of 24 kDa, about $10^4$ virus particles per picogram of p24. The onset of symptoms of AIDS correlates with a reduction in the number of CD4+ T-cells and increased levels of virus and p24 in the blood. It is a component of the gag polyprotein. |
| <b>Keywords</b>     | Human Immunodeficiency Virus; HIV p24; HIV; HIV-1 p24; HIV-1; HIV type 1 p24   |