**HTLV-1 p24 Core**

Human T-cell Leukemia Virus Type-1, core protein p24 recombinant, *E. coli*

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Amount</th>
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<tr>
<td>PR-1220</td>
<td>100 µg</td>
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*For in vitro use only!*

**Shipping:** shipped on blue ice  
**Storage Conditions:** store at -20 °C  
**Additional Storage Conditions:** avoid freeze/thaw cycles  
**Shelf Life:** 12 months  
**Purity:** > 95 % (SDS-PAGE, RP-HPLC)  
**Form:** liquid (Supplied in 50 mM NaPO₄, pH 6.0, 1 mM DTT and 1 mM EDTA)

**Applications:**  
Antigen in ELISA and Western blots, excellent antigen for early detection of HIV seroconvertors with minimal specificity problems.

**Description:**  
The protein contains the full-length HTLV-1 major core protein p24. The protein is purified by proprietary chromatographic technique.

**Background:**  
Human T-cell leukemia virus (HTLV)-1 and -2 are deltaretroviruses that infect a wide range of cells. HTLV-1 has been found primarily in CD4⁺ and CD8⁺ T-lymphocytes *in vivo*, whereas CD8⁺ T-lymphocytes are thought to be the *in vivo* reservoir of HTLV-2.

**Specificity:**  
Immuno reactive with all sera of HIV-I infected individuals.

**Selected References:**