

## Bioassayplus Inc.

4510 Rhodes Dr., Windsor, Canada N8X 5K

### Product Specification Sheet

<b>Important Note:</b>	Centrifuge before opening to ensure complete recovery of vial contents.
<b>Product name:</b>	Paired HIV1 P24 monoclonal antibody
<b>Catalog #:</b>	2-Mab-HIV1-P24
<b>Description:</b>	<p>HIV1 p24 is a component of the HIV particle capsid. There are approximately 2000 molecules per virus particle, or at a molecule weight of 24kDa, about 104 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.</p> <p>The p24 protein can be detected in patient blood as early as 2 weeks after HIV infection, further reducing the window period necessary to accurately detect the HIV status of the patient.</p> <p>Monoclonal antibody 1946 to P24 is used as coating and 1949 is used as conjugate.</p>
<b>Source:</b>	mouse
<b>Format:</b>	Purified, Liquid
<b>Purification:</b>	purified by protein A affinity column
<b>Concentration:</b>	Coating antibody 1946: 2.28mg/ml (Lot: TM842) Conjugating antibody 1949: 1.5mg/ml (Lot: EA460)
<b>Buffer:</b>	Phosphate buffered saline pH 7.4
<b>Applications:</b>	Lateral flow rapid test
<b>Storage:</b>	4°C for a short time, -20°C for a long term storage