



**User's Manual**

# **HIV-1 p24/Capsid Protein p24 Antibody Pair Set**



**ABPR-ZB316**



**5 Plates, 15 Plates**



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

For illustrative purposes only. To perform the assay the instructions for use provided with the kit have to be used.

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## PRODUCT INFORMATION

### Intended Use

Quantitative determination of HIV Gag-p24

### General Description

ABPR-ZB316 is a solid phase sandwich ELISA for quantitative determination of HIV Gag-p24.

### Reagents And Materials Provided

1. Capture Antibody: 1 mg/mL of mouse anti-HIV-1 p24/Capsid Protein p24 monoclonal antibody [CABT-ZB736] (in PBS, pH 7.4).
2. Detection Antibody: 0.2 mg/mL of mouse anti-HIV-1 p24/Capsid Protein p24 monoclonal antibody [CABT-ZB1054] conjugated to HRP (in PBS, 50 % HRP-Protector, pH 7.4, store at 4°C).
3. Standard: Each vial contains 39 ng of recombinant HIV-1 p24/Capsid Protein p24.

### Reconstitution And Storage

#### Reconstitution

1. Capture Antibody: Dilute to a working concentration of 2 µg/mL in PBS before coating.
2. Detection Antibody: Dilute to working concentration of 0.35 µg/mL in Dilution Buffer before use.
3. Standard: Reconstitute with 1 mL Dilution Buffer.

#### Storage

1. Capture Antibody: Aliquot and store at -20°C to -80°C for up to 6 months from date of receipt. Avoid repeated freeze-thaw cycles.
2. Detection Antibody: Store at 4°C and protect it from prolonged exposure to light for up to 6 months from date of receipt. DO NOT FREEZE!
3. Standard: Store lyophilized standard at -20°C to -80°C for up to 6 months from date of receipt. Aliquot and store the reconstituted Standard at -80°C for up to 1 month. Avoid repeated freeze-thaw cycles.

### Detection Range

Assay range: 18.75-1200 pg/mL