



User's Manual

HIV-1 gGlycoprotein 120 Antibody Pair Set



ABPR-ZB198



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.

Creative Diagnostics

 **Address: 45-1 Ramsey Road, Shirley, NY 11967, USA**

 **Tel: 1-631-624-4882 (USA) 44-161-818-6441 (Europe)**  **Fax: 1-631-938-8221**

 **Email: info@creative-diagnostics.com**  **Web: www.creative-diagnostics.com**

PRODUCT INFORMATION

Intended Use

Quantitative determination of HIV gp120

General Description

ABPR-ZB198 is a solid phase sandwich ELISA for quantitative determination of HIV HIV gp120.

Reagents And Materials Provided

1. Capture Antibody: 1 mg/mL of rabbit anti-HIV-1 gGlycoprotein 120 monoclonal antibody [CABT-ZB619] (in PBS, pH 7.4).
2. Detection Antibody: 0.2 mg/mL of rabbit anti-HIV-1 gGlycoprotein 120 monoclonal antibody [CABT-ZB967] conjugated to HRP (in PBS, 50 % HRP-Protector, pH 7.4, store at 4°C).
3. Standard: Each vial contains 168 ng of recombinant HIV-1 gGlycoprotein 120.

Reconstitution And Storage

Reconstitution

1. Capture Antibody: Dilute to a working concentration of 1 µg/mL in PBS before coating.
2. Detection Antibody: Dilute to working concentration of 0.5 µg/mL in detection antibody dilution buffer before use.
3. Standard: Reconstitute with 1 mL detection antibody 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: 46.88-3000 pg/mL

