

Retrocheck® HIV WB

Rapid immunochromatographic test for detection of HIV1/2 antibodies in serum, plasma and whole blood

Intended Use: _____

Retrocheck® HIV WB, a rapid third generation immunochromatographic test device for simultaneous detection of antibodies specific to HIV 1/2 in serum, plasma and whole blood.

Retrocheck® HIV WB Kit Components:

| | |
|--------------------------|--|
| Device | Membrane test assembly comprises of HIV specific recombinant antigen - colloidal gold conjugate co-dispensed with rabbit IgG colloidal gold conjugate HIV specific recombinant antigen at region 'T'. Goat anti-rabbit antiserum at region 'C' |
| Buffer | Sample running buffer with surfactants and preservatives |
| Other Accessories | Dropper, Desiccant pouch and Package Insert |

Performance Characteristics:

| | |
|--|---------------------------|
| Sensitivity: 99.7% sensitive for HIV 1/2 antibodies | Specificity: 99.4% |
|--|---------------------------|

| FEATURES | BENEFITS |
|--|---|
| Double antigen sandwich assay system | Ensures reduction of window period by detecting all anti-HIV antibody isotypes viz. IgG, IgM, IgA |
| Recombinant antigens used in the gold-conjugate for both HIV1 & HIV2 detection | Ensures high detectability with excellent specificity, particularly in low titer samples |
| Synthetic peptides used at the capture region on membrane for both HIV1 & HIV2 instead of recombinant antigens | Excellent specificity ensuring true differentiation between HIV1 & HIV2 |
| p24 (O) fusion protein used | Ensures sensitive detection of HIV1 group "O" |
| Simple two step procedure with dynamic wash system | Rapid takes just fifteen minutes Ensures complete removal of non-specific artifacts from the sample Excellent specificity |
| Room temperature storage | Flexibility of use in all settings |
| DGHS recommended NIB approved DCGI approved CE marked | Extremely reliable performance |

| Storage / Stability | Temperature | Duration |
|---------------------|-------------|-----------|
| Unopened kit | 4-30°C | 24 Months |
| Opened kit | 4-30°C | < 1 Hour |

| Available Pack Sizes | | |
|----------------------|-----------|----------|
| 1 Test | 10 Tests | 25 Tests |
| 50 Tests | 100 Tests | |