

Retroscreen HIV

Rapid immunochromatographic test for simultaneous and differential detection of HIV1 and HIV2 antibodies

Intended Use: _____

Retroscreen HIV, a rapid test for simultaneous and differential detection of total antibodies i.e. IgG, IgM, IgA etc to HIV-1 and HIV-2 in human serum / plasma.

Retroscreen HIV Kit Components:

Device	Membrane test assembly predispensed with highly specific HIV 1 & HIV 2 antigens - colloidal gold conjugate and rabbit IgG conjugated to colloidal gold. HIV-1/2 antigens coated on the membrane at two separate test regions for HIV-1 & HIV-2. Goat Anti-rabbit antiserum at region 'C'
Buffer	Sample running buffer containing surfactant and preservatives
Other Accessories	Desiccant pouch, Dropper and Package Insert

Performance Characteristics:

Sensitivity: 100%	Specificity: 99.8%
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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
A unique combination of synthetic peptides and recombinant antigens used	Reduces cross-reactivity and enable better discrimination between HIV-1 & HIV-2 samples

Storage / Stability	Temperature	Duration
Unopened kit	4-30°C	24 Months
Opened device	Room Temperature	Use immediately

Available Pack Sizes	
25 Tests	50 Tests