



**Retrocheck HIV: Rapid immunochromatographic test for detection of HIV1/2 antibodies in serum/plasma**

**Intended Use:** \_\_\_\_\_

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

**Retrocheck HIV Kit Components:**

<b>Device</b>	Membrane test assembly comprises of HIV 1/2 specific recombinant antigen- colloidal gold conjugate co-dispensed with rabbit IgG colloidal gold conjugate. HIV 1/2 specific recombinant antigen at region 'T'. Goat Anti-rabbit antiserum at region 'C'
<b>Buffer</b>	Sample running buffer with surfactants and preservatives
<b>Dropper</b>	Disposable plastic sample dropper
<b>Other Accessories</b>	Desiccant pouch and Package Insert

**Performance Characteristics:**

<b>Sensitivity:</b> 100% sensitive for HIV 1/2 antibodies	<b>Specificity:</b> 99.8%
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FEATURES	BENEFITS
<b>Double antigen sandwich assay system</b>	Ensures reduction of window period by detecting all anti – HIV antibody isotypes viz. IgG, IgM, IgA
<b>Recombinant antigens used in the gold - conjugate for both HIV1 &amp; HIV2 detection</b>	Ensures high detectability with excellent specificity, particularly in low titer samples
<b>Synthetic peptides used at the capture region on membrane for both HIV1 &amp; HIV2 instead of recombinant antigens</b>	Excellent specificity ensuring true differentiation between HIV1 & HIV2
<b>p24 (O) fusion protein used</b>	Ensures sensitive detection of HIV1 group “O”
<b>Simple two step procedure with dynamic wash system</b>	Rapid takes just fifteen minutes Ensures complete removal of non – specific artifacts from the sample Excellent specificity
<b>Room temperature storage</b>	Flexibility of use in all settings
<b>DGHS recommended NIB approved DCGI approved CE marked</b>	Extremely reliable performance

Storage / Stability	Temperature	Duration
<b>Unopened kit</b>	4 – 30°C	24 Months
<b>Opened kit</b>	4 – 30°C	< 1 Hour

Available Pack Sizes	
1 Test	10 Tests
50 Tests	100 Tests