

# iCARE HIV 1&2 Rapid Screen Test (Urine)

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**Category Name** : Sexually Transmitted Disease (STD) Rapid Screen Test Kit

The assay starts with a diluent prepared sample applied to the sample well. The HIV antigen -colloidal gold conjugate embedded in the sample pad reacts with the HIV antibody present in urine sample forming conjugate-HIV antibody complex.



Generic  
Packing

As the mixture is allowed to migrate along the test strip, the conjugate-HIV antibody complex is captured by a second antibody immobilized on the membrane forming a colored test band in the test region. A negative sample does not produce a test band due to the absence of conjugate/HIV antibody complex. The antigens used in the conjugate test are recombinant proteins that correspond to highly immunoreactive regions of HIV1 and HIV2. A colored control band in the control region appears at the end of test procedure regardless of test result. The control band indicates that the colloidal gold conjugate is functional.

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