



## HIV Gen 4

*4<sup>th</sup> Generation based enzyme immuno - assay for qualitative determination of antibodies against HIV - 1 & HIV - 2 & p24 antigen*

- Based on Antigen & Antibody Sandwich assay
- Streptavidin Biotin technology for enhanced sensitivity & specificity
- Simultaneous detection of HIV 1&2 Antibodies & p24 Ag
- Use of Monoclonal p24 Antibodies for detection of p24 Ag
- Significant reduction in window period upto 2 weeks
- Separate Positive controls for Antigen & Antibody
- Analytical sensitivity of 10 IU/ml for p24 Ag
- Diagnostic Sensitivity : 100%
- Diagnostic Specificity : > 99.5 %

## HBsAg

*Enzyme immunoassay for qualitative determination of hepatitis B surface Antigen*

- One step antigen sandwich assay
- High analytical sensitivity of 0.4 PEU/ml
- Detects all genotypes & phenotypes of HBV
- Use of polyclonal Antibodies helps in recognition of vast number of epitopes
- No sample dilution required
- Diagnostic Sensitivity: >100%
- Diagnostic Specificity: >100%



## HIV 1-2 Gen 3

*3<sup>rd</sup> Generation based enzyme immuno - assay for qualitative determination of antibodies against HIV - 1 & HIV - 2*

- 3rd Generation Antibody Capture ELISA based on Sandwich assay
- Detects antibodies (IgM, IgG, & IgA) against HIV-1 & HIV-2
- Detects sub type 'O' & 'C'
- gp 120, gp36, gp41 recombinant Ag coated microplate
- Assay time: 90 minutes
- Convenient microwell sample dilution
- Diagnostic Sensitivity : 100%
- Diagnostic Specificity : > 99.5 %

## HCV

*Enzyme immunoassay for the qualitative determination of antibodies against HCV*

- Microplate coated with Core, NS3, NS4, NS5 Ag of HCV
- Detects all major genotypes of HCV
- Use of recombinant proteins gives higher specificity without compromising on sensitivity
- Detects IgG Antibodies against Core, NS3, NS4, NS5 Ag of HCV
- Sample Addition Monitoring
- Convenient microwell sample dilutions
- Diagnostic Sensitivity: 100%
- Diagnostic Specificity: >99.5%

## ORDERING INFORMATION

Product Code	Product Name	Pack Size
<b>MeriScreen</b>		
HD4RPD-01/03	Quadro HIV 1 - 2 Ab	10 / 50 Tests
RPDHIV-01	MeriScreen HIV 1-2 WB	50 Tests
RPDHBV-01	MeriScreen HBsAg	50 Tests
RPDHCV-01	MeriScreen HCV	50 Tests
HCDRPD-01/03	Tredro HCV Ab	10 / 50 Tests
RPDSYP-01	MeriScreen Syphiline	30 Tests
RPDMN-01	MeriScreen Malaria PAN Ag	30 Tests
RPDMFV-01	MeriScreen Malaria Ag Pf (HRP-II), Pv (pLDH)	30 Tests
RPDMFP-01	MeriScreen Malaria Ag Pf/Pan (HRP-II/pLDH)	30 Tests
MLRRPD-01	MeriScreen Malaria Ag Pf (HRP-II), Pv (pLDH), Pan (pLDH)	30 Tests
RPDMPH-01	MeriScreen Malaria Ag Pf (HRP-II)	30 Tests
RPDDAB-01	MeriScreen Dengue IgG/IgM	20 Tests
RPDDON-01	MeriScreen Dengue Onset	10 Tests
RPDDAG-02	MeriScreen Dengue NS1	10 Tests
RPDHCG-01	MeriScreen hCG	50 Tests
ABDSER-01	MeriSera Combo - Anti A, Anti B and Anti D	3 x 10 ml
ANASER-01	MeriSera Anti A	1 x 10 ml
ANBSER-01	MeriSera Anti B	1 x 10 ml
ANDSER-01	MeriSera Anti D	1 x 10 ml
DGMSER-01	MeriSera Anti D (IgG+IgM)	1 x 5 ml
AALSER-01	MeriSera Anti-A1 Lectin	1 x 5 ml
AHLSER-01	MeriSera Anti-H Lectin	1 x 5 ml
<b>Merilisa</b>		
HV3ELI-01	HIV 1-2 Gen 3 ELISA	96 Tests
HV4ELI-02	HIV Gen 4 ELISA	96 Tests
HPBELI-01	HBsAg ELISA	96 Tests
HPCELI-01	HCV ELISA	96 Tests
DGMELI-01	Dengue IgM ELISA	96 Tests
DGGELI-01	Dengue IgG ELISA	96 Tests
DNSELI-01	Dengue NS1 ELISA	48 Tests

CD/BROCHURE/201926/03/V04/IND

Customer Care: 1-800-266-3745 (Toll Free)



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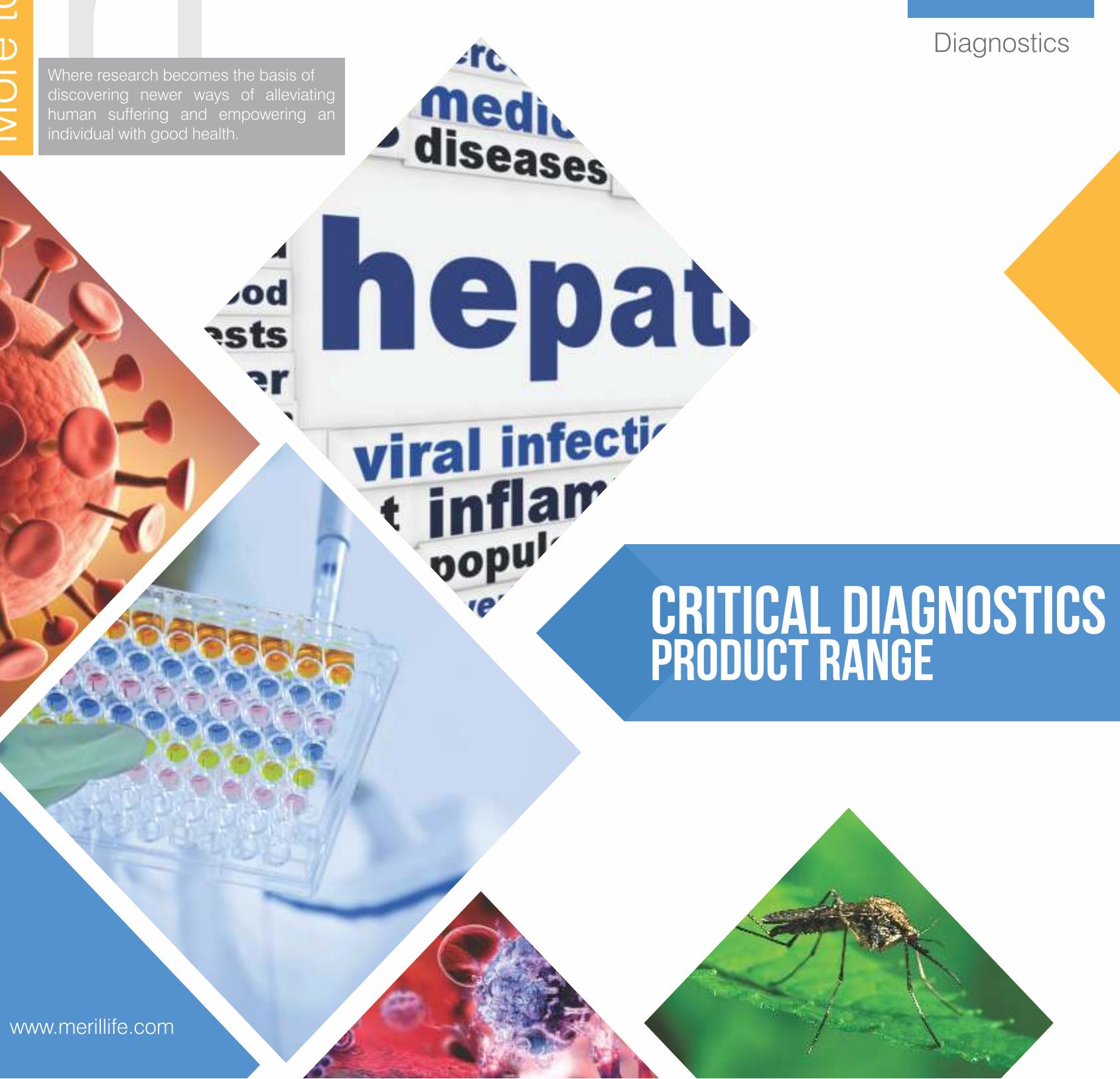
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## HIV 1-2 WB

**One step qualitative immunochromatographic assay for detection of antibodies against HIV - 1 & HIV - 2**

- » Detection of IgM, IgG & IgA Antibodies
- » Coated Ag: gp120, gp41 for HIV 1 & gp36 for HIV 2
- » Specimen Type: Serum, Plasma, Whole blood
- » Specimen Volume: 10  $\mu$ l Serum / Plasma OR 20  $\mu$ l Whole Blood
- » Buffer Volume: 3 drops
- » Result Interpretation Time: 20 Minutes
- » Diagnostic Sensitivity: > 99.5 %
- » Diagnostic Specificity: > 99.0 %

## HBsAg

**One step qualitative sandwich immunochemical assay for detection of Hepatitis 'B' surface antigen**

- » Detection of Hepatitis 'B' surface Antigen (Australia Antigen)
- » Detection of all "ad" & "ay" subtypes
- » Specimen Type: Serum, Plasma
- » Specimen Volume: 1 Drop (Dropper Provided) or 50  $\mu$ l of Serum/Plasma
- » Result Interpretation Time: 20 Minutes
- » Analytical Sensitivity: 0.5 ng / ml
- » Diagnostic Sensitivity: > 98 %
- » Diagnostic Specificity: > 99.5%

## Syphilis

**One step immunochromatographic assay for detection of antibodies against Treponema Pallidum**

- » Detection of IgM, IgG & IgA Antibodies
- » Optional choice for mass screening program
- » Specimen Type: Serum, Plasma, Whole Blood
- » Specimen Volume: 10  $\mu$ l Serum / Plasma or 20  $\mu$ l Whole Blood
- » Result Interpretation Time: 20 Minutes
- » Diagnostic Sensitivity: 100 %
- » Diagnostic Specificity: 100 %

## HCV

**One step qualitative immunochromatographic assay for detection of antibodies against HCV**

- » Detection of IgM, IgG & IgA Antibodies
- » Double Antigen Sandwich site Immunoassay
- » Coated Ag: Core NS3, NS4 & NS5
- » Specimen Type: Serum, Plasma, Whole Blood
- » Specimen Volume: 10  $\mu$ l Serum / Plasma OR 20  $\mu$ l Whole Blood
- » Buffer Volume: 3 drops
- » Result Interpretation Time: 20 Minutes
- » Diagnostic Sensitivity: 100 %
- » Diagnostic Specificity: 99 %

## MeriSera

**ABO/Rh Reagent combi pack for blood grouping**

- » Test reagents for determination of antigens of the ABO & Rh system, including determination of subgroups of antigen A
- » Standardized in accordance with **AABB Guidelines**
- » Excellent correlation with slide and tube test result
- » High specificity with no cross reactivity
- » Clear visible agglutination
- » Excellent Avidity
  - Anti – A: ≤ 4 Sec
  - Anti – B: ≤ 4 Sec
  - Anti – D: ≤ 10 Sec
- » Titre: 1:256



## Malaria Antigen

### Malaria Pf/ Pv Malaria Pf/ PAN

**One Step Rapid Test for Differential Diagnosis of Malaria**

- » pLDH and HRP II enzyme based differential diagnosis of Malaria
- » Specimen Type: Whole blood
- » No preprocessing of samples required
- » Specimen volume: 5  $\mu$ l Whole Blood
- » Detection limit: 50 parasites/ $\mu$ l
- » Result Interpretation Time: 20 Minutes
- » Diagnostic Sensitivity: >95%
- » Diagnostic Specificity: >95%



### Malaria PAN

**One Step Rapid Test for Diagnosis of Malaria**

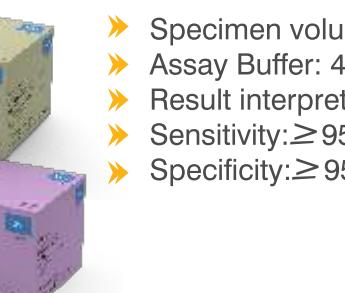
- » Immunochemical test for detection of malaria parasite
- » Ideal for blood banks
- » Based on pLDH and HRP II enzyme
- » No preprocessing of samples required
- » Only 5  $\mu$ l of blood sample required
- » Diagnostic Sensitivity: >95%
- » Diagnostic Specificity: >95%

## Dengue

### Dengue NS1 Ag

**One step, rapid immunochromatographic assay for detection of NS1Ag**

- » Detection of infection prior to sero - conversion
- » Detects all serotypes (DEN-1,DEN-2,DEN-3,DEN-4)
- » Specimen volume : 90 - 100  $\mu$ l of Serum/Plasma
- » Result interpretation time: 20 mins
- » Sensitivity: ≥95%
- » Specificity: ≥95%

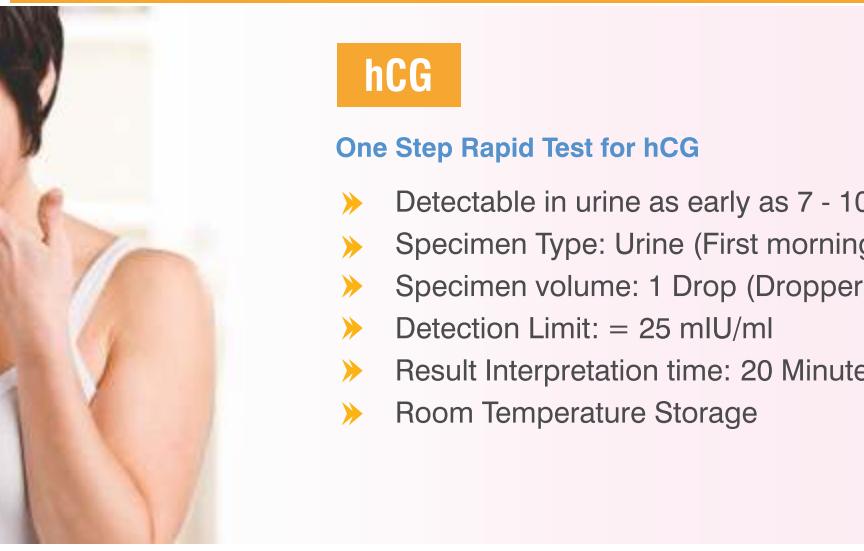


### Dengue IgG/IgM Ab

**One step, rapid immunochromatographic test for the antibodies against dengue virus**

- » Specimen volume: 5  $\mu$ l Serum/Plasma
- » Assay Buffer: 4 drops
- » Result interpretation time: 20 mins
- » Sensitivity: ≥95%
- » Specificity: ≥95%

## Dengue Onset = Dengue NS1Ag + Dengue IgG/IgM



## hCG

**One Step Rapid Test for hCG**

- » Detectable in urine as early as 7 - 10 days after conception
- » Specimen Type: Urine (First morning midstream urine)
- » Specimen volume: 1 Drop (Dropper Provided)
- » Detection Limit: = 25 mIU/ml
- » Result Interpretation time: 20 Minutes
- » Room Temperature Storage



## Quadro™ HIV 1-2 Ab

**4 dot Immunochromatography test based on Flow Through Technology for detection of Anti - HIV Ab**

### Power of 2

- » Synthetic Peptides coated on HIV 1 and HIV 2 individual Test Region
- » Uniquely formulated Recombinant Proteins Coated on HIV 1 + 2 Test Region

### Be Extra Sure

- » Synthetic Peptides detects antibodies against the serotype specific linear epitopes
- » Recombinant Peptides detects antibodies against the conformational epitopes



- » Differential detection of HIV 1 and HIV 2
- » Detects antibodies against all group of HIV (M, N and O) Including subtype 'C'
- » Sensitivity: 100% and Specificity: 99.5%
- » No Hook effect
- » Result in 3 minutes
- » User Friendly Protocol

## TREDRO™ HCV Ab

**3 Dot Rapid Test Device with**

**Flow Through technology for Detection of Anti-HCV Ab**

- » **Tredro HCV Ab** test device with flow through technology is a simple platform that enables the healthcare provider to deliver an accurate diagnosis in 3 - 5 mins.

### Sensitivity & Specificity

Clinically proven performance,

- » Sensitivity: > 99%
- » Specificity: > 98%

### Key Product Features

- » Tests for multiple HCV genotypes
- » Highly Purified recombinant antigens - Core, NS3, NS4, NS5 used
- » No hook effect

### Easy to use

- » Simple & Easy to use - point of care testing
- » Results in 3 - 5 mins.
- » Inbuilt procedural control

