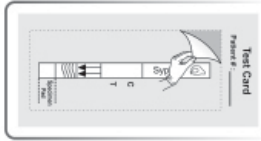
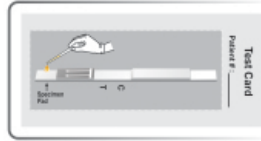


# Crystal<sup>®</sup>-Tp<sup>+</sup>

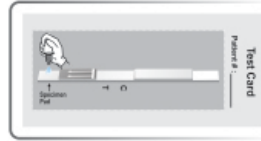
## Test Procedure



Peel off tape from Test Card and stick Test Dipstick on it



Add 50 µL sample on specimen pad of Test Dipstick



Add 1 drop Reaction Buffer on specimen pad of Test Dipstick

Read the results after 10 minutes

## Interpretation of Results

Note: Results should not be read beyond 30 minutes



One band at C



Two bands at T & C



Band only at T



No band

## Ordering Information

Product	Code No.	Pack Size
Crystal <sup>®</sup> -Tp <sup>+</sup>	54IC111-20	20 Tests
	54IC111-60	100 Tests



THE MANUFACTURING SITE'S QMS IS CERTIFIED FOR ISO 13485:2003, ISO 9001:2008

Rapid visual immunochromatographic test  
 for qualitative detection of **IgM, IgG** and **IgA** antibodies  
 to *Treponema pallidum* in human serum or plasma or whole blood

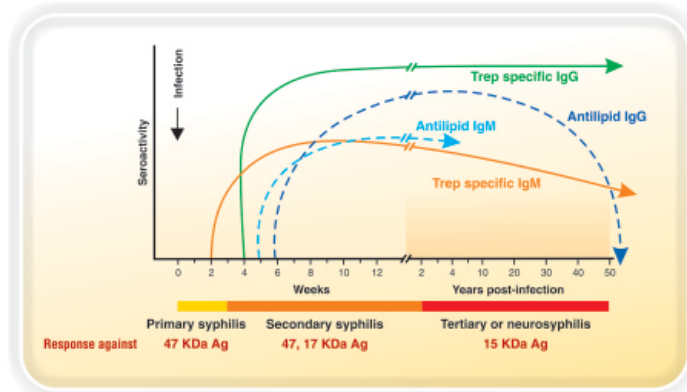
## Fact File

Syphilis is distributed worldwide but is especially prevalent in developing countries. WHO estimates that **12 million** new cases of syphilis occurs every year.

Highest number of new cases are seen in Sub-Saharan Africa and Southeast Asia, followed by South America. The incidence is highest in sexually active people (20-29 years age group).

In developing countries like India, **3-15 %** of women of child-bearing age have syphilis. About **30%** of pregnant women with Syphilis gives birth to a dead baby and another **30%** to a live baby with congenital syphilis, a condition with mortality of up to **50%**.

## Diagnosis



In recent years, tests detecting specific antibodies are widely used for Syphilis diagnosis as these tests are very specific to *T. pallidum* and are able to detect different stages of Syphilis infection.

Different Treponema specific serological tests available are TPHA, FTA-ABS, EIAs, Immunoblotting, Rapid ICTs, etc. TPHA is the most widely used traditional test but has variable sensitivity in detecting early stage of infection as well as it is time-consuming. Due to these shortcomings, the use of rapid ICTs is increasing in recent years as these tests are time saving, user-friendly and are highly sensitive and specific.

## Salient Features



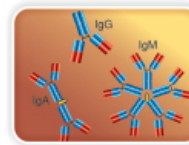
Non instrumental visual qualitative immunoassay with inbuilt control band to validate successful completion of assay procedure.



Simple, convenient and rapid assay procedure of 15 minutes, suitable for field use.



Assay protocol suitable with serum, plasma or whole blood with no sample predilution, imparts flexibility and convenience of usage.



Double antigen sandwich immunochromatographic assay, detects all (IgM, IgG and IgA) antibodies specific to *T. pallidum*, enhances the sensitivity of the test.



Available in individually packed Test Dipstick.

## Performance\*



Crystal TP has demonstrated sensitivity and specificity with in possible range as concluded in WHO report TDR / SDi / DE / 03.1.

\*Data on Arkray file