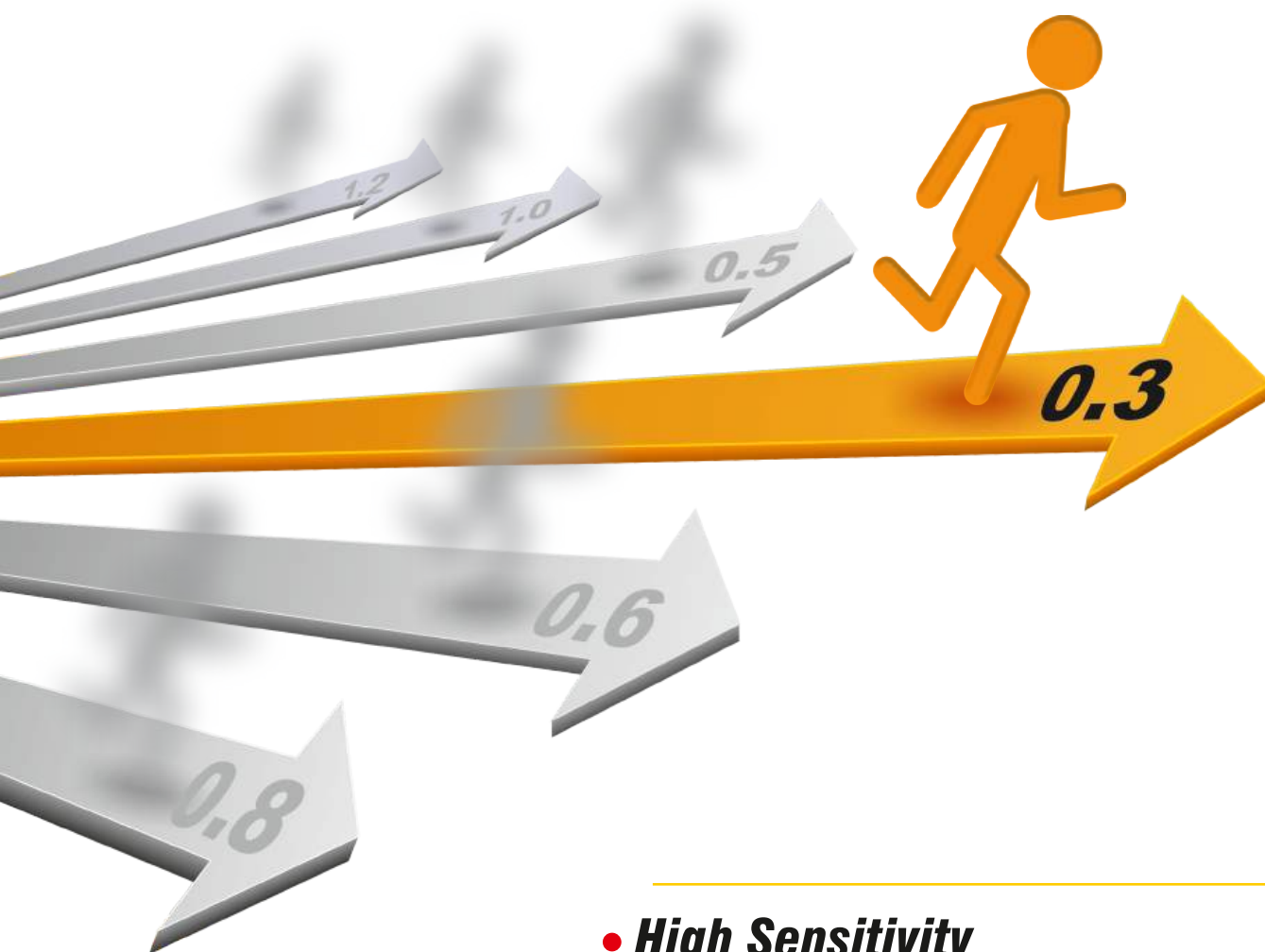




SENSA Hep-B

Beyond Conventional Rapid Tests



- ***High Sensitivity***
- ***High Negative Predictive Value***
- ***Detects all Subtypes and Genotypes***

SENSA
Hep-B

A unique HBsAg assay

Better Testing System, Better Diagnostics

India has over 40 million HBV carriers and accounts for 10-15 % of the entire pool of HBV. Estimated 43-45 million new cases come up every year and 1 lakh death annually by disease related to HBV infection. Of 25 million new born, annually 1 million run lifetime risk of HBV infection. *Ref: - API, WHO 2012

Improvement in current testing systems to detect HBV infection will also contribute towards preventing further spread of this disease. At Tulip Diagnostics, we believe in creating 'Better testing systems and products for better diagnostic & preventive health' which inspires us to create **SENSA Hep-B**, a rapid test for HBsAg with high sensitivity.

Below are some facts which also suggest that Diagnostic & Blood Bank screening is the key to prevent the spread of HBV.

Facts :

- According to WHO endemicity of Hepatitis B in India is 2-8% (Intermediate).
- Highest mode of transmission is Perinatal and Sexual, thus diagnostic screening is very important.
- Studies suggests that amongst kids, Horizontal mode of transmission is highly prevalent.
- Most of the patients are asymptomatic, thus blood bank screening is very important.

World Health Organisations (WHO) & Centre for Disease Control (CDC) also make some recommendations for screening of HBsAg.

Recommendations :

- Screening tests should have sensitivity <0.5ng/ml.
- Screening tests should be of high Negative Predictive Value i.e. high probability of true negative when reported negative.

Tulip Introduces...



High Sensitivity

- Detects the presence of HBsAg at concentration as low as **0.3 ng/ml** ensuring early detection of HBV.

Broad Spectrum Reactivity

- Antibodies directed against immunodominant "a" epitope of HBsAg ensuring detection of all subtypes & genotypes.

High Specificity

- Highly purified pair of Monoclonal antibodies provides specific detection of HBsAg.

High Positive Predictive Value

- HBR is used which ensures blocking of interference from heterophile antibodies thereby reduces false positivity.

High Negative Predictive Value

- High sensitivity ensures high probability of true negative when reported negative.

Beginning of A New Generation of Rapid HBsAg Assays



For further information contact :

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