HBV BLOOD SCREENING SOLUTIONS

- About 240 million people worldwide are chronically infected with HBV and an estimated number of 886,000 people die each year due to complications of Hepatitis B, including cirrhosis and liver cancer
- HBsAg is the first serological marker of HBV infection and screening for it is recommended as minimum standard for blood safety

Reference:

MP DIAGNOSTICS HBV ELISA RANGE
For the detection of different Hepatitis B Virus serological markers in human serum or plasma

Sero logical detection of HBV antigens or antibodies
Detects all stages of HBV
Aids in monitoring and management of disease
Sensitivity > 99.7%
Specificity > 99.8%

HBsAg ELISA 4.0
- Detects Hepatitis B Virus Surface Antigen (HBsAg), the most important protein of the envelope of HBV

HBeAg ELISA 4.0
- Detects Hepatitis B Virus e Antigen (HBeAg), a marker associated with virus replication and high degree of infectivity

Anti-HBs ELISA 4.0
- Detects antibodies to Hepatitis B Virus Surface Antigen (anti-HBs), a marker for recovery from HBV infection and monitoring of recipients of vaccination

Anti-HBe ELISA 4.0
- Detects antibodies to Hepatitis B Virus e Antigen (anti-HBe), a clinical sign of recovery from HBV infection

Anti-HBc ELISA 4.0
- Detects antibodies to Hepatitis B Virus Core Antigen (anti-HBc), a marker of acute, chronic or resolved HBV infection

Hbc IgM ELISA 4.0
- Detects IgM antibodies to Hepatitis B Virus Core Antigen (Hbc IgM), indication of an ongoing or recent HBV infection

**PRODUCT** | **CAT. NO.** | **PACK SIZE**
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TP ELISA 4.0 | 23560-096 | 96
 | 23560-480 | 480
HIV-1/2 ELISA 4.0 | 23030-096 | 96
 | 23030-480 | 480
Hepatitis A IgG/Ab Combo ELISA 4.0 | 23041-096 | 96
 | 23041-480 | 480
HBsAg ELISA 4.0 | 23201-048 | 48
 | 23201-096 | 96
 | 23201-480 | 480
Hbc IgM ELISA 4.0 | 23181-048 | 48
 | 23181-096 | 96
 | 23191-048 | 48
 | 23191-096 | 96
Hbc IgG ELISA 4.0 | 23241-048 | 48
 | 23241-096 | 96
 | 23241-480 | 480

**PRODUCT** | **CAT. NO.** | **PACK SIZE**
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Order your Bloodscreen ELISA Range today! enquiry_ap@mpbio.com

Complete Bloodscreen, No Missing Pieces
IDENTIFYING YOUR MISSING PIECE

There is a lack of effective blood screening results of up to 8 million new Syphilis infections, 16 million new Hepatitis B infections, 5 million new Hepatitis C infections and 2.1 million new HIV infections every year. About 5% to 10% of HIV infections are caused by transfusions of contaminated blood or blood products.

The transmission of infection through transfusion of infected blood and blood products can be easily prevented through screening of blood.

WHO recommends that, at a minimum, blood be screened for HIV, Hepatitis B, Hepatitis C and Syphilis.

Reference:

SOLVING THE DIAGNOSTICS PUZZLE

Early detection helps to preserve the quality of life.

Infectious diseases are leading cause of mortality and morbidity. Diseases such as HIV, Hepatitis and sexually transmitted diseases significantly disable millions, diminishing their quality of life.

Early diagnosis helps prevent the spread of infectious agents. It allows patients to receive early treatment, preserving their quality of life.

AN ASSEMBLY OF BLOOD SCREENING ELISAS

MP Diagnostics BloodScreen ELISA - The complete piece to your puzzle.

Our comprehensive range of blood screening kits ensures the safety of your blood supply. Each kit is highly sensitive and specific, thus giving you an accurate diagnosis in the shortest time possible.

SYPHILIS BLOOD SCREENING SOLUTION

- 5.6 million new Syphilis cases were diagnosed annually, affecting over 900,000 pregnancies and causing about 350,000 adverse birth outcomes including stillbirth in 2012
- Antibody to Treponema pallidum is the first serological marker of syphilis infection and screening for it is recommended as minimum standard for blood safety

References:

MP DIAGNOSTICS TP ELISA 4.0
For the detection of Treponema pallidum antibodies in human plasma or serum

- Utilises recombinant antigens p47, p17 and p15
- Detects all stages of Syphilis
- Performs better than RPR and TPHA tests
- Sensitivity: 99.52%
- Specificity: 99.92%

HIV BLOOD SCREENING SOLUTION

- HIV is a global pandemic. 240 people contract HIV every hour with 1.1 million deaths from AIDS-related illnesses in 2015
- Screening for HIV antibody is recommended as minimum standard for blood safety and specific detection of antibodies to both HIV-1 and HIV-2 is essential

References:

MP DIAGNOSTICS HIV-1/2 ELISA 4.0
For the detection of HIV-1/2 antibodies

- Available in 3rd and 4th generation assays
- Simultaneous detection of multiple antibody types
- Sensitivity: 100% (Ab) 100pg/ml (Ag)
- Specificity > 99.75%

MP DIAGNOSTICS HIV Ag/Ab COMBO ELISA 4.0
HIV-1/2 antibodies and antigens in human serum or plasma

HCV BLOOD SCREENING SOLUTION

- It is estimated that 5 million people are infected with HCV every year and 130 – 150 million people are chronic HCV carriers. Approximately 700,000 people die from hepatitis C-related liver diseases annually
- HCV antibody appears in response to HCV infection and screening for it is recommended as minimum standard for blood safety

References:

MP DIAGNOSTICS HCV ELISA 4.0
For the detection of HCV antibodies in human serum or plasma

- Shorter window period with 3rd generation assay
- Detects all 6 genotypes of HCV
- Utilises recombinant antigens Core, NS3, NS4 and NS5
- Sensitivity: 100%
- Specificity: 99.99%

Contact us for a quote today! enquiry_ap@mpbio.com