MP DIAGNOSTICS
IMMUNOBLOT PRODUCT FAMILY

AUTOMATED IMMUNOBLOT PROCESSING POWERED BY
AUTOBLOT SYSTEM 20 AND AUTOSCAN PRO

- Easy to perform. With the automated addition and aspiration of buffers, conjugate and wash reagents, AutoBlot System 20 ensures high quality and reproducible results by maintaining the correct rocking motion and incubation time.
- Save time and effort with automated assay addition and aspiration in <3.5 hours.
- Reduce workload through easy programming of assay procedure, comprehensive work-list management and reliable archiving options.

AutoScan PRO
Catalogue no. EMC009
Strip Result Interpretation

- Objective band result interpretation by AutoScan PRO
- Analyse and report the entire batch of 18 strips in a single operation.
- Option of easy data management for compliance to standard Laboratory Information Management System (LIMS).

MP DIAGNOSTICS IMMUNOBLOT TEST MENU

- HIV BLOT 1.2
- HIV BLOT 1.3
- HPI BLOT 2.2
- HELICO BLOT 2.1
- HTLV BLOT 2.4
- HCV BLOT 3.0

HCV Blot 3.0, AutoBlot System 20 and AutoScan PRO are for Research use only in the United States.

Order your HCV Blot 3.0 today! enquiry_ap@mpbio.com

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HCV BLOT 3.0
IMMUNOBLOT

YOUR PARTNER IN HCV CONFIRMATORY TEST

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MP dx

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C02003-04
**YOUR PARTNER IN HCV CONFIRMATORY TEST**

Hepatitis C virus (HCV) is the cause of Hepatitis C liver disease ranging in severity from a mild illness lasting a few weeks to a serious, lifelong illness. It is estimated that between 130-150 million chronic carriers of HCV globally, approximately 700,000 people die annually from hepatitis C-related liver diseases.

MP Diagnostics HCV Blot 3.0 is a qualitative line blot immunoassay for the detection of antibodies to HCV. The strip contains five HCV antigens from the immunodominant regions of HCV. It is intended as a more specific supplemental test on specimens found repeatedly reactive in initial screening.

**REFERENCES**
1. WHO (2018). Hepatitis C. Fact Sheet. Updated 08, 2018.[Available at](http://www.who.int/mediacentre/factsheets/fs164/en/)

**FEATURES & BENEFITS**

**Highly Sensitive and Specific**
- HCV Blot 3.0 utilizes 5 recombinant antigens from the major HCV immunodominant regions (Core, NS3-1, NS3-2, NS4 and NS5) to increase specificity and sensitivity.
- Proven low titer anti-HCV panel detection. The HCV Blot 3.0 performed the best in low titer performance panel PHV104 when compared against commercially available immunoassays and PCR assay.
- HCV proteins are expressed as glutathione-S-transferase (GST) fusion proteins. Therefore, the GST control band indicates any reactivity to GST to eliminate any false positives due to this reason.

**Convenient Control Bands to Monitor Assay Procedure**
- 3+ control band is anti-human IgG, it captures human IgG from the serum specimen. Assay efficiency and serum addition are thus monitored.
- 1+ control band is human IgG, it binds with anti-human IgG from the reagent. Any HCV protein bands lighter than 1+ control band are reported as negative. It acts as a gauge to judge the band intensity.
- Simplify result interpretation with 3+ and 1+ control band to reduce interpretation error.

**PERFORMANCE YOU CAN RELY ON**

**Proven Low Titer Anti-HCV Panel Detection**
The MP Diagnostics HCV Blot 3.0 performed the best in low titer performance panel PHV104 when compared against commercially available immunoassays and PCR assay.

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<th>RDHCE PCR COPIES/ML</th>
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**Note:** PHV104 panel was obtained from BBI Inc., USA. Interpretative criteria are those of the manufacturers.

**Abbreviations:**
- **POS** = Positive;
- **BLD** = Below Limits of Detection;
- **IND** = Indeterminate;
- **NT** = Not Tested;
- **NEG** = Negative;

Contact us for a quote! enquiry_ap@mpbio.com