



Serology

Backed by more than 35 years of expertise in infectious disease, Bio-Rad continues to be the partner of choice for providing diagnostic and blood bank laboratories with best-in-class solutions.

Bio-Rad has a broad portfolio of testing assays and automated testing platforms for the screening and diagnosis of:

- [COVID-19](#)
- [Infectious Mononucleosis](#)
- [Pediatric, Prenatal, and Congenital Diseases \(ToRCH\)](#)
- [Respiratory Diseases](#)
- [Retrovirus HIV](#)
- [Hepatitis A, B, and C](#)
- [Sexually Transmitted Infections](#)
- [Tropical Diseases](#)

Bio-Rad's expertise in immunology, together with its practice of continually updating reagents and automated testing platforms, makes it an exceptional partner for diagnostic and blood bank laboratories.

Disclaimer: Bio-Rad products and services in this document may be for sale or available only in certain countries.

Please consult your local Bio-Rad representative for full details on the availability of our products and services in your region.

Respiratory Diseases



Platelia SARS-CoV-2 Total Ab Assay. Detection of IgM, IgA, and IgG in One Test.

The Platelia SARS-CoV-2 Total Ab assay screens for total antinucleocapsid antibodies IgM, IgA, and IgG against coronavirus SARS-CoV-2, the virus associated with COVID-19.

This serological assay enables clinicians to identify individuals with an adaptive immune response to SARS-CoV-2, indicating recent or prior infection, and complements Bio-Rad's extensive portfolio of COVID-19 solutions.

NEW!

COVID-19 (SARS-CoV-2) Serology Total Ab Detection

Platelia SARS-CoV-2 Total Ab Assay

Immunoassay kit to screen for total anti-nucleocapsid antibodies (IgM, IgA, IgG) to coronavirus SARS-CoV-2, the virus associated with COVID-19, in serum and plasma specimens.

Accurate Performance

- **High Specificity (>99%)** on blood donors and hospitalized patients
- **No cross-reactivity**
- **Excellent sensitivity (100% for patients tested >8 days after symptom onset)** allows for earlier identification of seroconversion and reliable screening
- Compliant with regulatory standards (CE-IVD validated)

Convenient & Fast

- 1-step antigen capture format (only 90 min incubation time required)
- 96-well microplate testing with breakable strips
- Ready-to-use with colored reagents
- Visual control of sample dilution and reagent addition



Platelia SARS-CoV-2 Total Ab brochure (PF371)



Bio-Rad & Platelia SARS-CoV-2 Total Ab assay

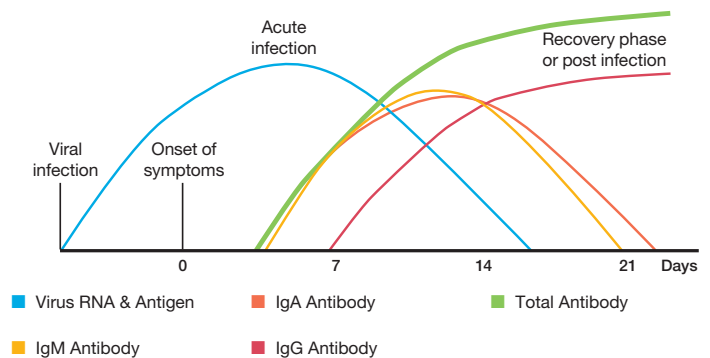


Start a conversation

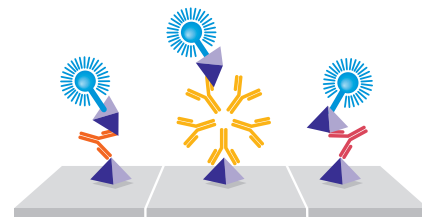


Contact your Bio-Rad representative to get the Platelia SARS CoV-2 Total Ab quick guide (PF372)

Antibody Detection Over the Course of Viral Infection



Disclaimer: This serological profile represents well-known infections associated with other viruses. At this time, it is unknown how long SARS-CoV-2 antibodies persist following infection.



Peroxidase-labeled SARS nucleocapsid protein



IgM, IgA, IgG antibodies in sample



SARS nucleocapsid protein



Ordering Information

Catalog #	Description
72710	Platelia SARS-CoV-2 Total Ab Assay, 96 tests
12013798	Platelia SARS-CoV-2 Total Ab Assay, 480 tests

Related Products: Automated microplate systems, EVOLIS System, EVOLIS Twin Plus System, PR 4100, PW 40, IPS.

When knowing makes all the difference



Mycoplasma pneumoniae Serology

Immunoenzymatic assays for semi-quantitative determination of IgG and qualitative detection of IgM antibodies to *Mycoplasma pneumoniae* in human serum to detect acute infection and assess current or recent infection.

- Identification of active infection by monitoring IgG levels
- Early detection of acute infection using IgM immunocapture immunoassay
- Combined use of both IgG and IgM assays following a single protocol
- All assays validated on the EVOLIS Systems



Contact your Bio-Rad representative to get the *Platelia M. pneumoniae* Assays brochure (17165)



Ordering Information

Catalog #	Description
72780	Platelia <i>M. pneumoniae</i> IgG Assay , 96 tests
72781	Platelia <i>M. pneumoniae</i> IgM Assay , 96 tests

Infectious Mononucleosis



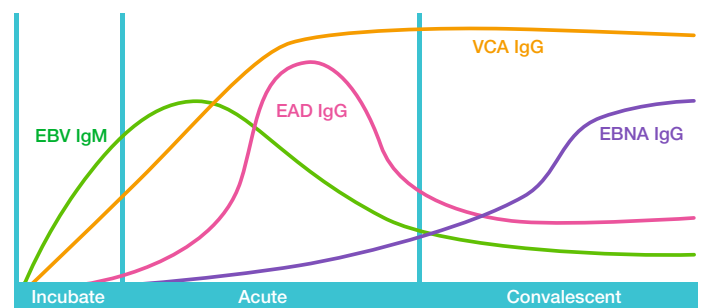
When knowing makes all the difference

Epstein-Barr Virus (EBV) is a common human pathogen infecting the majority of individuals during their lifetime with no to mild atypical symptoms. In some cases, there is a potential for severe complications. Platelia EBV Serology products provide the ability to distinguish between primary acute infection, past infection and reactivation.

Epstein-Barr Virus Serology

Complete panel of qualitative immunoenzymatic assays for detection of specific IgM and IgG antibodies to Epstein-Barr Virus (EBV) antigens – Viral Capsid Antigen (VCA), Early Antigen Diffuse (EA-D) and Nuclear Antigen-1 (EB-NA1) – in human serum. Combined determination of EBV antibodies establishes a serological profile that allows for diagnosis of infectious mononucleosis and EBV infection.

- Full antibody profile for EBV infection stage determination in less than 90 minutes
- Accuracy of the results (recombinant p125 protein for VCA detection)
- Ease-of-use and flexibility
 - Color-coded and ready-to-use reagents
 - Breakable wells
- Optimal practicality with a single protocol for all IgG assays
- Consolidation of infectious disease testing as part of a broad portfolio of infectious disease assays
- All assays validated on the EVOLIS Systems



Contact your Bio-Rad representative to get the EBV brochure (17175)

Ordering Information

Catalog #	Description
72936	Platelia EBV-VCA IgM Assay, 96 tests
72937	Platelia EBV-VCA IgG Assay, 96 tests
72938	Platelia EBV-EA-D IgG Assay, 96 tests
72939	Platelia EBV-NA-1 IgG Assay, 96 tests

Related Products: Automated microplate systems, EVOLIS System, EVOLIS Twin Plus System, PR 4100, PW 40, IPS.



Pediatric Diseases



When knowing makes all the difference

Infections with Varicella Zoster, measles or mumps virus are common and often asymptomatic. However, they still remain a major issue in certain populations, during pregnancy or for neonates. Platelia serodiagnosis tools are used to monitor pregnant women for acquisition of primary infection, to differentiate viral illnesses in children and establish immune status.

Varicella Zoster Virus (VZV), Measles and Mumps Serology

Family of qualitative assays for determination of specific IgG or IgM to VZV, measles and mumps in human serum to assess early, recent or past infection and establish patient immune status.

- Ease-of-use and flexibility
 - Breakable wells
 - Ready-to-use reagents
- Combined use of both IgG and IgM assays following a single protocol
- All assays validated on the EVOLIS Systems



Contact your Bio-Rad representative to get the Platelia Pediatric Assays brochure (PF342)



Ordering Information

Catalog #	Description
72684	Platelia VZV IgG Assay , 48 tests
72685	Platelia VZV IgM Assay , 48 tests
72686	Platelia Measles IgG Assay , 48 tests
72687	Platelia Measles IgM Assay , 48 tests
72688	Platelia Mumps IgG Assay , 48 tests
72689	Platelia Mumps IgM Assay , 48 tests

Related Products: Automated microplate systems, EVOLIS System, EVOLIS Twin Plus System, PR 4100, PW 40, IPS.

Prenatal & Congenital Diseases (ToRCH)

When knowing makes all the difference

ToRCH is an acronym for *Toxoplasma* (To), Rubella (R), Cytomegalovirus (C), and Herpes simplex virus (H). Serodiagnosis and direct detection assays are valuable tools for monitoring seronegativity or primary infection in pregnant women and preventing neonates from severe damage.

Toxoplasmosis Serology

Range of standardized and high performance immunoenzymatic assays for quantitative detection of IgG and qualitative detection of IgM and IgA to *Toxoplasma gondii* in human serum or plasma. Assays assess exposure to parasites and determine immune status and susceptibility to infection.



Contact your Bio-Rad representative to get the Platelia ToRCH Assay brochure (PF343)



Ordering Information

Catalog #	Description
72840	Platelia Toxo IgG Assay , 96 tests
72841	Platelia Toxo IgM Assay , 96 tests
72737	Platelia Toxo IgA Assay , 96 tests

Related Products: Automated microplate systems, EVOLIS System, EVOLIS Twin Plus System, PR 4100, PW 40, IPS.

Platelia Toxo IgG Avidity Assay

Toxoplasma gondii supplemental immunoenzymatic assay for determination of avidity of anti-*T. gondii* IgG antibodies in human serum to differentiate between acute or past infection.



Ordering Information

Catalog #	Description
72842	Platelia Toxo IgG Avidity Assay , 48 tests

Related Products: Automated microplate systems, EVOLIS System, EVOLIS Twin Plus System, PR 4100, PW 40, IPS.

Rubella Serology



Immunoenzymatic assays for quantitative determination of IgG and qualitative detection of IgM antibodies to the rubella virus in human serum or plasma to establish immune status and susceptibility to infection.



Contact your Bio-Rad representative to get the *Platelia ToRCH Assay brochure (PF343)*



Ordering Information

Catalog #	Description
72850	Platelia Rubella IgG Assay , 96 tests
72851	Platelia Rubella IgM Assay , 96 tests

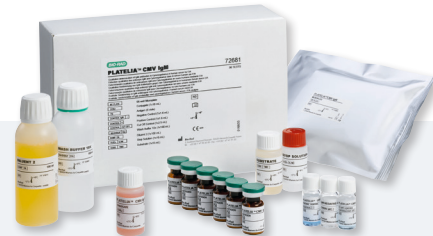
Related Products: Automated microplate systems, EVOLIS System, EVOLIS Twin Plus System, PR 4100, PW 40, IPS.

Cytomegalovirus (CMV) Serology

Immunoenzymatic assays for quantitative determination of IgG and qualitative detection of IgM antibodies to the cytomegalovirus (CMV) in human serum to establish immune status, susceptibility to infection, or reactivation of the virus.



Contact your Bio-Rad representative to get the *Platelia ToRCH Assay brochure (PF343)*



Ordering Information

Catalog #	Description
72680	Platelia CMV IgG Assay , 96 tests
72681	Platelia CMV IgM Assay , 96 tests

Related Products: Automated microplate systems, EVOLIS System, EVOLIS Twin Plus System, PR 4100, PW 40, IPS.

Herpes Simplex Virus (HSV) Serology



HSV (1+2)

Immunoenzymatic assays for qualitative detection of IgG and IgM antibodies to herpes simplex virus types 1 and 2 (HSV-1 and HSV-2) in human serum to establish immune status, susceptibility to infection, or viral activity.



Contact your Bio-Rad representative to get the Platelia ToRCH Assay brochure (PF343)

HSV 1 and HSV 2

Immunoenzymatic assays for qualitative detection of IgG antibodies to herpes simplex virus type 1 (HSV-1) or type 2 (HSV-2) in human serum and plasma using recombinant or synthetic proteins to accurately differentiate HSV-1 from HSV-2 infection.



Ordering Information

Catalog #	Description
72682	Platelia HSV (1+2) IgG Assay , 96 tests
72683	Platelia HSV (1+2) IgM Assay , 96 tests
72820	Platelia HSV 1 IgG Assay , 96 tests
72821	Platelia HSV 2 IgG Assay , 96 tests

Related Products: Automated microplate systems, EVOLIS System, EVOLIS Twin Plus System, PR 4100, PW 40, IPS.

ToRCH Serology Assays

- Complete ToRCH assay family
- Use of gold standard method for antibody detection
 - IgM immunocapture immunoassay
 - IgG indirect sandwich immunoassay
 - IgA double sandwich immunoassay
- Optimal workflow:
 - Combined use of Platelia Toxo IgG, IgM and IgA, Rubella IgG and IgM, and HSV-1 or HSV-2 IgG assays follow a single protocol
 - Combined use of Platelia CMV IgG and IgM and HSV-1 and HSV-2 IgG and IgM assays follow a single protocol
- Consolidation of infectious disease testing as part of a broad portfolio of infectious disease assays
- All assays validated on the EVOLIS Systems

Direct Detection



Herpes Simplex Virus (HSV)

Fluorescent direct antigen detection system for the identification and typing of herpes simplex virus type 1 and type 2 (HSV-1 and HSV-2) in direct clinical specimens and cell culture isolates.

- High specificity and reproducibility associated with the use of pairs of monoclonal antibodies for each type
- Simple direct fluorescent test
- Result in less than one hour
- Simple and reliable alternative follow-up cell culture isolate testing



Ordering Information

Catalog #	Description
25215	Pathfinder HSV Types 1 and 2 Assay , 50 tests
12000150	Pathfinder HSV Control Slide , 4 wells
30490	HSV Type 1 Monoclonal Antibody , 5 mL
30491	HSV Type 2 Monoclonal Antibody , 5 mL
30494	HSV Collection Slide , pack of 90
30693	Pathfinder Mounting Medium , 2.75 mL

Toxoplasmosis

Pastorex Toxo

Latex agglutination test for the determination of all types of antibodies to *T. gondii* in human serum.

- Unitary testing
- Detection of antibodies to *T. gondii* in less than 10 minutes



Ordering Information

Catalog #	Description
72724	Pastorex Toxo (complete kit with controls) , 100 tests

HIV



With more than 40 assays, Bio-Rad is constantly improving its HIV offering in order to ensure the highest standards in productivity and quality. Bio-Rad's HIV portfolio covers transfusion and diagnostic testing needs, providing screening assays, rapid unitary assays, supplemental and confirmatory assays. All of Bio-Rad HIV tests offer an unprecedented performance level including early detection and exceptionally high specificity that allow you to report results confidently.

Screening

Your Trusted Blood Safety Partner. For Life.

Genscreen ULTRA HIV Ag-Ab Assay

Semi-quantitative enzyme immunoassay kit for the detection of HIV-1 p24 antigen and antibodies to HIV-1 (groups M and O) and HIV-2 in human serum or plasma specimens.

This kit can be used for both HIV Ag and HIV Ab detection as an aid in the diagnosis of HIV infection and screening of blood donations.

It can be used manually or on automated microplate systems.

Reliable

- Combo assay with excellent antibody detection and guaranteed antigen analytical sensitivity (4th generation assay)
- Excellent sensitivity allows earlier identification of seroconversion and reliable donor donation screening
- High specificity increases lab efficiency by significantly reducing retest, blood unit, and donor rejection rates

Convenient and secure

- Easy-to-use kit
- All reagents included in the kit
- Barcoded reagents with expiration date and batch number
- Clear identification of the product on microplate frame and strip
- Specimen and reagent deposit proof for all steps
- Direct reagent vials loading on EVOLIS racks
- Protocol validated on EVOLIS Family Systems



WHO prequalified



Serological Disease Screening Tests for Blood Donation brochure (PF365)



Start a conversation



Ordering Information

Catalog #	Description
72386	Genscreen ULTRA HIV Ag-Ab Assay, 96 tests
72388	Genscreen ULTRA HIV Ag-Ab Assay, 480 tests

Related Products: Automated microplate systems (EVOLIS and EVOLIS Twin Plus), stand-alone systems (PR 4100, PW 40 and IPS), Geenius HIV 1/2 Confirmatory Assay.

Genscreen HIV-1 Ag Assay

Semi-quantitative enzyme immunoassay for the detection and quantification of HIV-1 core antigen (p24) in human serum or plasma specimens. The Genscreen HIV-1 Antigen Confirmatory Assay (code 71121) is a supplemental assay used with the HIV-1 Antigen Assay to confirm the presence of HIV p24 antigen in repeatedly reactive samples. It can be used manually or on automated microplate systems.

Convenient and secure

- Easy-to-use kit
- All reagents included in the kit
- Barcoded reagents with expiration date and batch number
- Clear identification of the product on microplate frame and strip
- Specimen and reagent deposit proof for all steps
- Direct reagent vial loading on EVOLIS racks
- Protocol validated on EVOLIS Family Systems



Contact your Bio-Rad representative to get the Genscreen brochure (17708)



Ordering Information

Catalog #	Description
71120	Genscreen HIV-1 Ag Assay , 192 tests

Related Products: Automated microplate systems (EVOLIS and EVOLIS Twin Plus), stand-alone systems (PR 4100, PW 40 and IPS), Genscreen HIV-1 Ag Confirmatory Assay.



Genscreen HIV-1 Ag Confirmatory Assay

Assay intended for the confirmation of HIV-1 p24 antigen in human serum or plasma specimens found repeatedly reactive with the Genscreen HIV-1 Ag Assay (code 71120). It can be used manually or on automated microplate systems.

- Protocol validated on EVOLIS Family Systems



Contact your Bio-Rad representative to get the Genscreen brochure (17708)

Ordering Information

Catalog #	Description
71121	Genscreen HIV-1 Ag Confirmatory Assay , 25 tests

Related Products: Automated microplate systems (EVOLIS and EVOLIS Twin Plus), stand-alone systems (PR 4100, PW 40 and IPS), Genscreen HIV-1 Ag Assay.



HIV-1 ANTIGEN STANDARD

Material intended for preparing a calibration curve for HIV-1 Ag and to determine the analytical sensitivity of the HIV-1 Antigen and Combo EIA Kits. Not CE marked.

Ordering Information

Catalog #	Description
72217	HIV-1 ANTIGEN STANDARD , 1 vial



Simple, Secured and Fast



Genie Fast Assay

Fast test device uses the immunochromatography (ICT or lateral migration) technique to detect anti-HIV-1 and anti-HIV-2 antibodies in human serum, plasma, venous blood, and capillary blood.

- Complete detection range for HIV-1 and HIV-2 antibodies
- Reliable results on different sample types: serum, plasma, and whole blood
- 1-step protocol with fast results in 10-30 minutes
- Suitable for testing at room temperature and storage from 2°C to 30°C



WHO prequalified



Contact your Bio-Rad representative to get the Genie Fast brochure (16485)



Ordering Information

Catalog #	Description
72327	Genie Fast HIV 1/2 Assay , 25 tests
72330	Genie Fast HIV 1/2 Assay , 50 tests
72347	Genie Fast HIV 1/2 Assay , 25 tests including all finger stick consumables (lancets, alcohol swabs, capillary microsate pipettes)

Related Product: *Geenius System.*

Genie Fast Accessories

Ordering Information

Catalog #	Description
72378	Lancets , box of 200
72357	Microsafe , 50 x 80 µl
72377	Alcohol swabs , box of 200
92500	Genie Fast HIV 1/2 Adapter , 1 unit

Related Product: *Geenius System.*



Confirmation



A Game Changer

Geenius HIV 1/2 Confirmatory Assay

Qualitative assay for the **confirmation and differentiation** of individual antibodies to **HIV-1 and HIV-2** in **whole blood, serum, or plasma** specimens.

- **On-demand testing: One Patient. One Cartridge. One Result**
- Confirmation of patient status **on the same day and in the same lab**
- 3-step protocol allows for minimal hands-on time and results in **less than 30 minutes** by **visual or automated reading and interpretation**
- **Suitable for any condition:** testing at room temperature, storage from 2°C to 30°C



- 1 - gp36
- 2 - gp140
- 3 - p31
- 4 - gp160
- 5 - p24
- 6 - gp41
- C - Control Band



Listed on the WHO prequalified IVD products list
 Listed on regulatory certifications like CE, FDA, TGA, ANVISA, Health Canada, CDSCO India, InDRE, RZN, PDMA, etc.



Start a conversation



Geenius Solution video
 Geenius Solution Protocols video
 Geenius Manufacturing Process video



Geenius Solution brochure (PF357)



Ordering Information

Catalog #	Description
72460	Geenius HIV 1/2 Confirmatory Assay , 20 tests
72329	Geenius HIV 1/2 Confirmatory Controls (1 Positive + 1 Negative), 2 x 120 µl

Related Products: Geenius System, Geenius HCV Supplemental Assay.

NEW LAV BLOT

Confirmation kits for anti-HIV-1 or anti-HIV-2 antibody detection in serum/plasma by immunoblotting.

- Complete confirmation range for HIV-1 and HIV-2
- Manual or automated processing on Autoblot 3000



Contact your Bio-Rad representative to get the NEW LAV BLOT brochure (16941)

Ordering Information

Catalog #	Description
72251	NEW LAV BLOT I Assay , 18 tests
72252	NEW LAV BLOT II Assay , 18 tests
72256	Western Blot Rack , 10 units

Related Product: Autoblot 3000 Strip Processor.



Hepatitis B



Your Trusted Blood Safety Partner. For Life.

Bio-Rad offers a complete panel of hepatitis B assays. These tests can be used for screening in blood banks, as an aid in the diagnosis of hepatitis B infections, to screen individuals to establish immunity status before vaccination, and to assess the degree of protection after vaccination against hepatitis B virus (HBs Ab).

Performance of these tests demonstrate very high specificity and excellent sensitivity with variant detection especially useful for HBsAg detection. All of these assays can be used manually or on automated microplate systems.

Screening

Monalisa HBs Ag ULTRA Assay

Semi-quantitative enzyme immunoassay kit for the detection of surface antigens of the hepatitis B virus (HBs Ag) in human serum or plasma specimens.

This kit can be used as an aid in the diagnosis of hepatitis B infection and screening of blood donations. It can be used manually or on automated microplate systems.

Reliable

- Earlier hepatitis B infection detection includes variants
- High specificity for increased lab efficiency significantly reduces retest, blood unit, and donor rejection rates

Convenient and secure

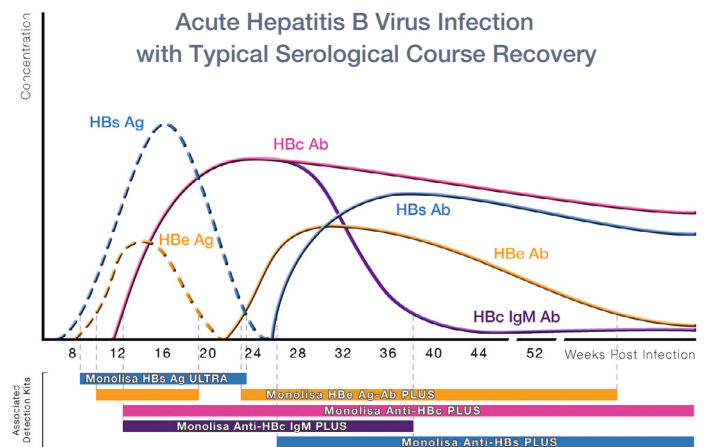
- Easy-to-use kit
- All reagents included in the kit
- Barcoded reagents with expiration date and batch number
- Clear identification of the product on microplate frame and strip
- Specimen and reagent deposit proof for all steps
- Direct reagent vial loading on EVOLIS racks
- Protocol validated on EVOLIS Family Systems



Serological Disease Screening Tests for Blood Donation brochure (PF365)



Start a conversation



Ordering Information

Catalog #	Description
72346	Monalisa HBs Ag ULTRA Assay, 96 tests
72348	Monalisa HBs Ag ULTRA Assay, 480 tests

Related Products: Automated microplate systems (EVOLIS and EVOLIS Twin Plus), stand-alone systems (PR 4100, PW 40 and IPS), Monalisa HBs Ag ULTRA Confirmatory Assay, Monalisa Anti-HBs PLUS Assay, Monalisa Anti-HBc PLUS Assay, Monalisa HBc IgM PLUS Assay, Monalisa HBe Ag-Ab PLUS Assay.



Monolisa HBs Ag ULTRA Confirmatory Assay

Used to confirm the presence of hepatitis B surface Ag (HBs Ag) in samples of human serum or plasma specimens found reactive by the Monolisa HBs Ag ULTRA Assay (codes 72346/72348). It can be used manually or on automated microplate systems.

- Protocol validated on EVOLIS Family Systems



Ordering Information

Catalog #	Description
72408	Monolisa HBs Ag ULTRA Confirmatory Assay, 25 tests

Related Products: Automated microplate systems (EVOLIS and EVOLIS Twin Plus), stand-alone systems (PR 4100, PW 40 and IPS), Monolisa HBs Ag ULTRA Assay.

Monolisa Anti-HBs PLUS Assay

Semi-quantitative and a quantitative enzyme immunoassay kit for the detection of total antibodies to hepatitis B surface antigen (anti-HBs) in human serum or plasma specimens.

This kit can be used with other serological markers as an aid in the diagnosis of hepatitis B recovery for patients infected with the hepatitis B virus.

This kit can also be used to screen individuals to establish immunity status before vaccination, and assess the degree of protection after vaccination against hepatitis B virus. It can be used manually or on automated microplate systems.



Contact your Bio-Rad representative to get the Monolisa Anti-HBs PLUS brochure (16988)

Convenient and secure

- Easy-to-use kit
- All reagents included in the kit
- Barcoded reagents with expiration date and batch number
- Clear identification of the product on microplate frame and strip
- Specimen and reagent deposit proof for all steps
- Direct reagent vial loading on EVOLIS racks
- Protocol validated on EVOLIS Family Systems



Ordering Information

Catalog #	Description
72566	Monolisa Anti-HBs PLUS Assay, 192 tests

Related Products: Automated microplate systems (EVOLIS and EVOLIS Twin Plus), stand-alone systems (PR 4100, PW 40 and IPS), Monolisa HBs Ag ULTRA Assay, Monolisa Anti-HBc PLUS Assay, Monolisa HBc IgM PLUS Assay, Monolisa HBe Ag-Ab PLUS Assay.



Monolisa Anti-HBc PLUS Assay

Semi-quantitative enzyme immunoassay kit for the detection of antibodies to nucleocapsid antigen (core) of the hepatitis B virus (HBc Ac) in human serum or plasma specimens.

This kit can be used as an aid in the diagnosis of hepatitis B infection and screening of blood donations. It can be used manually or on automated microplate systems.

Convenient and secure

- Easy-to-use kit
- All reagents included in the kit
- Barcoded reagents with expiration date and batch number
- Clear identification of the product on microplate frame and strip
- Specimen and reagent deposit proof for all steps
- Direct reagent vial loading on EVOLIS racks
- Protocol validated on EVOLIS Family Systems



Ordering Information

Catalog #	Description
72315	Monolisa Anti-HBc PLUS Assay , 96 tests
72316	Monolisa Anti-HBc PLUS Assay , 480 tests

Related Products: Automated microplate systems (EVOLIS and EVOLIS Twin Plus), stand-alone systems (PR 4100, P W40 and IPS), Monolisa HBs Ag ULTRA Assay, Monolisa Anti-HBs PLUS Assay, Monolisa HBc IgM PLUS Assay, Monolisa HBe Ag-Ab PLUS Assay.

Monolisa HBc IgM PLUS Assay

Semi-quantitative enzyme immunoassay kit for the detection of IgM antibodies to the core antigen of the hepatitis B virus (HBc IgM) in human serum or plasma specimens.

This kit can be used as an aid in the diagnosis of hepatitis B infection.

It can be used manually or on automated microplate systems.



Ordering Information

Catalog #	Description
72382	Monolisa HBc IgM PLUS Assay , 96 tests

Related Products: Automated microplate systems (EVOLIS and EVOLIS Twin Plus), stand-alone systems (PR 4100, P W40 and IPS), Monolisa HBs Ag ULTRA Assay, Monolisa Anti-HBs PLUS Assay, Monolisa Anti-HBc PLUS Assay, Monolisa HBe Ag-Ab PLUS Assay.

Monolisa HBe Ag-Ab PLUS Assay

Semi-quantitative enzyme immunoassay kit for the detection of hepatitis B e antigen (HBe Ag), or antibody to hepatitis B e antigen (Anti-HBe) in human serum or plasma specimens.

This kit can be used for patients infected by hepatitis B virus as an aid in the diagnosis of the status of infection. It can be used manually or on automated systems.

**Ordering Information**

Catalog #	Description
72396	Monolisa HBe Ag-Ab PLUS Assay , 96 tests HBe Ag + 96 tests HBe Ab

Related Products: Automated microplate systems (EVOLIS and EVOLIS Twin Plus), stand-alone systems (PR 4100, P W40 and IPS), Monolisa HBs Ag ULTRA Assay, Monolisa Anti-HBs PLUS Assay, Monolisa Anti-HBc PLUS Assay, Monolisa HBc IgM PLUS Assay.

Hepatitis C



For over 20 years Bio-Rad has proposed more than 10 diagnostics assays for screening of hepatitis C. During this time Bio-Rad improved its tests and was the first company to launch a combo test to detect antigens and antibodies for the detection of HCV that decreases the serological window period by 70% compared to HCV Ab assays without jeopardizing specificity. Bio-Rad is also the first supplier to offer an unitary, rapid and automated supplemental assay to confirm an HCV positive result.

Bio-Rad is a major supplier for diagnostics laboratories and blood bank centers offering a complete solution of systems and assays (screening and supplementals) for the detection of HCV.

Screening

Your Trusted Blood Safety Partner. For Life.

Monalisa HCV Ag-Ab ULTRA V2 Assay

Semi-quantitative enzyme immunoassay kit for the detection of infection caused by hepatitis C virus (HCV) based on the detection of anti-HCV antibodies and capsid antigen in human serum or plasma specimens.

This kit can be used as an aid in the diagnosis of hepatitis C infection and screening of blood donations. It can be used manually or on automated microplate systems.



Listed on the WHO prequalified IVD product list



Serological Disease Screening Tests for Blood Donation brochure (PF365)



Start a conversation

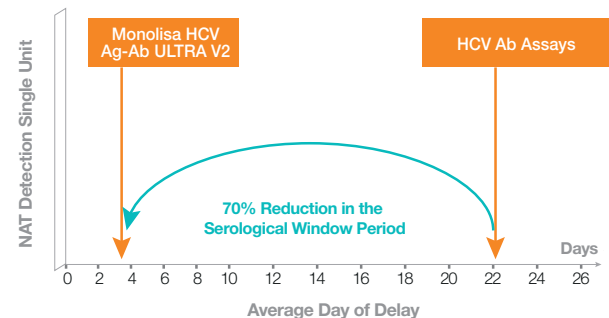
Reliable

- Improved detection due to combined antigen and antibody testing, 4th generation assay
- Excellent sensitivity allows earlier identification of seroconversion and reliable donor screening
- High specificity increases lab efficiency by significantly reducing retest, blood unit, and donor rejection rates

Convenient and secure

- Easy-to-use kit
- All reagents included in the kit
- Barcoded reagents with expiration date and batch number
- Clear identification of the product on microplate frame and strip
- Specimen and reagent deposit proof for all steps
- Direct reagent vial loading on EVOLIS racks
- Protocol validated on EVOLIS Family Systems

Reduction in the Serological Window Period



The delay between Monalisa HCV Ag-Ab ULTRA V2 and NAT is less than 4 days (3.8). The window period was reduced by 70% in comparison with anti-HCV assays which had an average delay of 22 days.



Ordering Information

Catalog #	Description
72561	Monalisa HCV Ag-Ab ULTRA V2 Assay, 96 tests
72562	Monalisa HCV Ag-Ab ULTRA V2 Assay, 480 tests

Related Products: Automated microplate systems (EVOLIS and EVOLIS Twin Plus), stand-alone systems (PR 4100, PW 40 and IPS), Geenius HCV Supplemental Assay.

Monolisa Anti-HCV PLUS Version 3 Assay

Semi-quantitative enzyme immunoassay kit for the detection of infection caused by hepatitis C virus (HCV) based on the detection of anti-HCV antibodies in serum or human plasma specimens.

This kit can be used as an aid in the diagnosis of hepatitis C infection and screening of blood donations. It can be used manually or on automated microplate systems.

**Ordering Information**

Catalog #	Description
72340	Monolisa Anti-HCV PLUS Version 3 Assay , 96 tests
72341	Monolisa Anti-HCV PLUS Version 3 Assay , 480 tests

Related Products: Automated microplate systems (EVOLIS and EVOLIS Twin Plus), stand-alone systems (PR 4100, PW 40 and IPS), Geenius HCV Supplemental Assay.

Confirmation

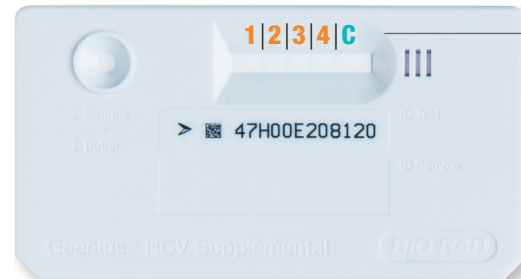


A Game Changer

Geenius HCV Supplemental Assay

Qualitative **unitary assay** for the **confirmation** of the presence of antibodies to HCV in **venous whole blood, serum or plasma** specimens for **blood donors** or **hospitalized patients**.

- **On-demand testing: One Patient. One Cartridge. One Result.**
- Confirmation of patient status **on the same day and in the same lab**
- 2-step protocol allows for minimal hands-on time and results in just **20 minutes** by **automated reading and interpretation**
- **Suitable for any condition:** testing at room temperature, storage from 2°C to 30°C



1 - NS4
2 - NS5
3 - Core/Capsid
4 - NS3
C - Control Band



Listed on regulatory certifications like CE, ANVISA, CDSCO India, TGA, etc.



Geenius Solution video
Geenius Solution Protocols video
Geenius Manufacturing Process video



Geenius Solution brochure (PF357)



Start a conversation



Ordering Information

Catalog #	Description
92501	Geenius HCV Supplemental Assay , 20 tests
92502	Geenius HCV Supplemental Controls (1 Positive + 1 Negative) , 2 x 150 µl

Related Products: *Geenius System, Geenius HIV 1/2 Confirmatory Assay.*

Deciscan HCV PLUS Assay

Immunoblot for the detection of anti-HCV antibodies in human serum or plasma.

- Single 2-hour protocol
- Ready-to-use conjugate and substrate reagents



Ordering Information

Catalog #	Description
72310	Deciscan HCV PLUS Assay , 24 tests

Related Product: *Autoblot 3000 Strip Processor.*

Syphilis



Your Trusted Blood Safety Partner. For Life.

Bio-Rad offer a complete and efficient solutions for Syphilis testing to fit the needs of diagnostic

laboratories and blood banks. A total EIA Treponemal test automatable designed for both diagnostic labs and blood banks of any size and a EIA IgM test to determine the stage of syphilis infection.

In addition, Bio-Rad proposes a TPHA fully-automated test dedicated to blood banks screening donations on high throughput systems, a TPHA manual test and a nontreponemal (RPR) manual test.

Screening

Syphilis Total Ab Assay

Semi-quantitative enzyme immunoassay kit for the detection of total antibodies (IgG, IgM and IgA) to *Treponema pallidum* in human serum or plasma specimens.

This kit can be used as an aid in the diagnosis of patients where syphilis infection is suspected in conjunction with clinical signs and symptoms and screening of blood donors. It can be used manually or on automated microplate systems.

Reliable

- Excellent sensitivity: get earlier detection at every stage of syphilis infection
- High specificity: significant reduction of retest, blood unit discard & donor rejection

Convenient and secure

- Easy-to-use kit
- All reagents included in the kit
- Barcoded reagents with expiration date and batch number
- Clear identification of the product on microplate frame and strip
- Specimen and reagent deposit proof for all steps
- Direct reagent vial loading on EVOLIS racks
- Protocol validated on EVOLIS Family Systems



[Serological Disease Screening Tests for Blood Donation brochure \(PF365\)](#)



[Contact your Bio-Rad representative to get the quick guide Syphilis Total Ab On Evolis Family \(PF339\) and Syphilis - EIA / TPHA / RPR Assays Specific Syphilis brochure \(16972\)](#)



[Start a conversation](#)



Ordering Information

Catalog #	Description
72530	Syphilis Total Ab Assay , 96 tests
72531	Syphilis Total Ab Assay , 480 tests

Related Products: [Automated microplate systems \(EVOLIS and EVOLIS Twin Plus\)](#), [stand-alone systems \(PR 4100, PW 40 and IPS\)](#), [Syphilis IgM EIA Assay](#), [RPR 100](#), [RPR 500](#), [TPHA 200](#), [TPHA 500](#).



Syphilis IgM EIA Assay

Semi-quantitative enzyme immunoassay kit for the detection of IgM specific antibodies to *Treponema pallidum* in human serum or plasma specimens.

This kit can be used in the differential diagnosis of patients where syphilis infection is suspected. The Syphilis IgM EIA Assay can be used manually or on automated microplate systems.

Reliable

- Efficient tool to determine the stage of syphilis infection

Convenient and secure

- Easy-to-use kit
- All reagents included in the kit
- Barcoded reagents with expiration date and batch number
- Clear identification of the product on microplate frame and strip
- Specimen and reagent deposit proof for all steps
- Direct reagent vial loading on EVOLIS racks
- Protocol validated on EVOLIS Family Systems



Ordering Information

Catalog #	Description
72520	Syphilis IgM EIA Assay, 96 tests

Related Products: Automated microplate systems (EVOLIS and EVOLIS Twin Plus), stand-alone systems (PR 4100, PW 40 and IPS), Syphilis Total Ab Assay, RPR 100, RPR 500, TPHA 200, TPHA 500.

TPHA 200 and 500

Manual agglutination test kit for the qualitative and semi-quantitative detection of antibodies to *Treponema pallidum* in human serum and plasma specimens.

This kit can be used as an aid in the diagnosis of patients where syphilis infection is suspected and the screening of blood donors.

- Safe and reliable results
- Easy reading and interpretation



Ordering Information

Catalog #	Description
72503	TPHA 200, 200 tests
72504	TPHA 500, 500 tests

Related Products: Syphilis Total Ab Assay, Syphilis IgM EIA Assay, RPR 100, RPR 500.

**pk TPHA 2000**

Agglutination test kit for the qualitative detection of antibodies to *Treponema pallidum* in human serum and plasma specimens. This kit can be used for screening of blood donors on the PK7300 system.

Reliable

- High specificity: significant reduction of retest, blood unit discard, and donor rejection
- Excellent sensitivity: get earlier detection at every stage of syphilis infection
- Protocol validated on the PK 7300 system from Beckman Coulter

Ordering Information

Catalog #	Description
72532	pk TPHA 2000 , 2,000 tests

Related Products: *Syphilis Total Ab Assay, Syphilis IgM EIA Assay, RPR 100, RPR 500, TPHA 200, TPHA 500.*

RPR 100 and 500

Manual agglutination test kit for the qualitative and semi-quantitative detection of nontreponemal antibodies (reagin) in human serum or plasma specimens.

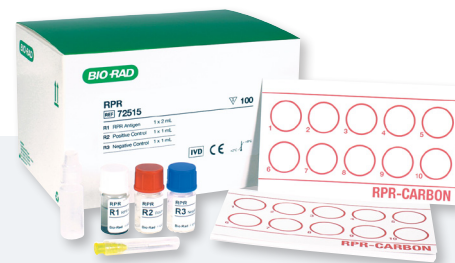
This kit can be used as an aid in the diagnosis of patients where syphilis infection is suspected in conjunction with clinical signs and symptoms.

- Easy to use
- Rapid results

Ordering Information

Catalog #	Description
72515	RPR 100 , 100 tests
72516	RPR 500 , 500 tests

Related Products: *Syphilis Total Ab Assay, Syphilis IgM EIA Assay, TPHA 200, TPHA 500.*



Chlamydiosis



Direct Antigen Detection

Immunofluorescence direct antigen detection system for the identification of *Chlamydia trachomatis* in direct clinical specimens.

Catalog #30701 is an immunofluorescence direct detection assay for the identification of *chlamydia* in cell culture.

- Simple, reliable, and proven method
- Unitary testing
- Monoclonal antibodies used
- Detection of all 15 serovars
- Results within 15 minutes



Contact your Bio-Rad representative to get the Pathfinder *Chlamydia trachomatis* Assay brochure (17066)



Ordering Information

Catalog #	Description
30704	Pathfinder <i>Chlamydia</i> DFA (complete kit with controls), 50 tests
30702	<i>Chlamydia trachomatis</i> DFA (Monoclonal Ab), 4.2 mL
12000149	<i>Chlamydia</i> DFA Control Slide, 1 unit
30707	<i>Chlamydia</i> Collection Slide, pack of 90
30693	Pathfinder Mounting Medium, 2.75 mL
30701	Pathfinder <i>Chlamydia</i> Culture Confirmation System, 4.2 mL

Dengue



Dengue, an endemic tropical and subtropical vector-borne disease, is the most significant arboviral disease. Patient management requires early, rapid and specific detection of the Dengue virus during the acute phase to differentiate between primary and secondary infection and to implement timely clinical treatment.

Antibody Detection

Dengue IgA and IgG Capture

Immunoenzymatic assays based on the immunocapture principle for detection of IgA and high levels of IgG to dengue virus in human serum and plasma as an aid in the diagnosis of acute primary or secondary dengue infection.



Antigen Detection

Dengue NS1 Ag

Immunoenzymatic assay for qualitative or semi-quantitative detection of dengue virus NS1 antigen in human serum or plasma as an aid in the diagnosis of acute dengue infection.

- Complete EIA solution for dengue infection diagnosis
- Early detection of dengue infection by detecting the NS1 antigen
- High specificity: detection of all dengue virus serotypes
- Perfect complementarity of NS1 antigen detection assay and anti-NS1 IgA and IgG determination tests
- Up to 100% of acute infection detection combining NS1 Ag and IgA assays
- Validated on EVOLIS Family Systems



Ordering Information

Catalog #	Description
72830	Platelia Dengue NS1 Ag , 96 tests
72831	Platelia Dengue IgA Capture , 96 tests
72832	Platelia Dengue IgG Capture , 96 tests

Related Products: Automated microplate systems (EVOLIS and EVOLIS Twin Plus), stand-alone systems (PR 4100, PW 40 and IPS).

Dengue NS1 Ag Strip

Individual test using lateral flow immunochromatography technology for qualitative detection of dengue virus NS1 antigen in human serum or plasma as an aid in the diagnosis of acute dengue infection.

- Early detection of dengue infection by detecting the NS1 antigen
- High specificity: detection of all dengue virus serotypes
- Flexibility with individual test format
- Easy-to-use, one-step protocol



Contact your Bio-Rad representative to get the Dengue Offer brochure (16039)



Ordering Information

Catalog #	Description
70700	Dengue NS1 Ag STRIP, 25 tests



Malaria



Screening

Malaria EIA Assay

Semi-quantitative enzyme immunoassay kit for the detection of antibodies to *P. falciparum*, *P. vivax*, *P. ovale* and *P. malaria* in human serum or plasma specimens.

This kit can be used for screening of blood donors. It can be used manually or on automated microplate systems.



Contact your Bio-Rad representative to get the Malaria EIA flyer (16314)

Convenient and secure

- Easy-to-use kit
- All reagents included in the kit
- Barcoded reagents with expiration date and batch number
- Specimen and reagent deposit proof for all steps
- Direct reagent vial loading on EVOLIS racks
- Protocol validated on EVOLIS Family Systems

Ordering Information

Catalog #	Description
72526	Malaria EIA Assay , 96 tests

Related Products: Automated microplate systems (EVOLIS and EVOLIS Twin Plus), stand-alone systems (PR 4100, PW 40 and IPS).



Brucellosis



Antibody Detection

Agglutination assays for the quantitative determination of IgM and qualitative detection of total antibody to *Brucella* for screening and diagnosis of acute or chronic brucellosis.

- Simple to implement and use
- Unitary testing
- Quantitative assessment of IgM



Ordering Information

Catalog #	Description
63241	Brucella Antigenic Suspension (Wright) , 10 mL
63240	Anti-Brucella Positive Control Serum , 1 mL

Hepatitis A



Screening

Monolisa Total Anti-HAV PLUS Assay

Enzyme immunoassay kit for the detection and quantification of total anti-HAV antibodies in human serum or plasma specimens.

This kit can be used as an aid in diagnosing recovered and current HAV infection in patients with suspicion of hepatitis. This kit can also be used to screen individuals to establish immunity status before vaccination, and assess the degree of protection after vaccination against HAV.

It can be used manually or on automated microplate systems.

Convenient and secure

- Easy-to-use kit
- All reagents included in the kit
- Barcoded reagents with expiration date and batch number
- Clear identification of the product on microplate frame and strip
- Specimen and reagent deposit proof for all steps
- Direct reagent vial loading on EVOLIS racks
- Protocol validated on EVOLIS Family Systems



Ordering Information

Catalog #	Description
72481	Monolisa Total Anti-HAV PLUS Assay, 192 tests

Related Products: Automated microplate systems (EVOLIS and EVOLIS Twin Plus), stand-alone systems (PR 4100, PW 40 and IPS), Monolisa HAV IgM PLUS Assay.

Monolisa HAV IgM PLUS Assay

Semi-quantitative enzyme immunoassay kit for the detection of anti-HAV IgM in human serum or plasma specimens.

This kit can be used for the diagnosis of acute HAV infection in patients with suspicion of hepatitis. It can be used manually or on automated microplate systems.



Ordering Information

Catalog #	Description
72491	Monolisa HAV IgM PLUS Assay, 192 tests

Related Products: Automated microplate systems (EVOLIS and EVOLIS Twin Plus), stand-alone systems (PR 4100, PW 40 and IPS), Monolisa Total Anti-HAV PLUS Assay.

Gastrointestinal Infections



When knowing makes all the difference.

Prevalence of *Helicobacter pylori* infection is very high and can be up to 90% of the overall population in developing regions. The infection can lead to severe gastric clinical manifestations and total eradication of this organism has been reported to be associated with complete resolution of gastritis. Testing for *H. pylori* is therefore a crucial diagnostic step for gastroduodenal inflammatory symptom patients.

Antibody Detection

Helicobacter pylori Ab

Immunoenzymatic assays for qualitative detection of IgG or quantitative determination of IgG, IgM and IgA in human serum for assessment of immunological responses to *H. pylori* and for the determination and differentiation of past or ongoing infection.

- Standardized EIA alternative to invasive detection method
- Enhanced sensitivity compared to potential mistargeted biopsy
- Results in less than 100 minutes
- Combined use of all GAP assays following a single protocol
- Validated on EVOLIS Family Systems



Contact your Bio-Rad representative to get the Platelia *H. pylori* Product Line flyer (17176)



Ordering Information

Catalog #	Description
72778	Platelia <i>H. pylori</i> IgG, 96 tests
4041002	GAP IgM <i>H. pylori</i> , Quantitative (TMB), 96 tests
4042002	GAP IgG <i>H. pylori</i> , Quantitative (TMB), 96 tests
4043002	GAP IgA <i>H. pylori</i> , Quantitative (TMB), 96 tests

Related Products: Automated microplate systems (EVOLIS and EVOLIS Twin Plus), stand-alone systems (PR 4100, PW 40 and IPS).

Salmonella



Antibody Detection

Serological diagnostic of typhoid and paratyphoid fevers.

- **Rapid:** Widal agglutination tests are rapid for screening enteric fever in endemic areas
- **Handy:** when culture facilities are not easily available, Widal agglutination tests can be used as an aid in diagnosing
- **Broad detection:** Widal agglutination tests can detect infection caused by both *Salmonella typhi* and *Salmonella paratyphi*



Ordering Information

Catalog #	Description
63402	<i>Salmonella typhi</i> Suspension O (TO), 50 mL
63312	<i>Salmonella typhi</i> Suspension H (TH), 50 mL
63572	<i>Salmonella typhi</i> Suspension Vi, 50 mL
63412	<i>Salmonella paratyphi</i> A - Suspension O (AO), 50 mL
63322	<i>Salmonella paratyphi</i> A - Suspension H (AH), 50 mL
63422	<i>Salmonella paratyphi</i> B - Suspension O (BO), 50 mL
63332	<i>Salmonella paratyphi</i> B - Suspension H (BH), 50 mL
63432	<i>Salmonella paratyphi</i> C - Suspension O (CO), 50 mL
63342	<i>Salmonella paratyphi</i> C - Suspension H (CH), 50 mL
63542	<i>Salmonella typhimurium</i> - Suspension H (TMH), 50 mL
63272	<i>Salmonella enteritidis</i> - Suspension H (ENH), 50 mL