

DIAGNOSE

In-Vitro Diagnostic Solutions

- ▶ Rapid Tests for Infectious Diseases
- ▶ Point-of-Care
- ▶ Confirmatory Diagnostics
- ▶ Drug Testing

RELIABLE PRODUCTS FOR HOSPITALS AND CLINICAL LABORATORIES.

INTRODUCTION

Quality Solutions for all Diagnostic Testing Needs.

For more than 30 years, MP Diagnostics, a division of MP Biomedicals, has been committed to providing superior products, quality, and service at a competitive price. All MP Diagnostics products are produced under the strictest international regulatory standards at our worldwide facilities.

We offer the most comprehensive diagnostics portfolio including point-of-care, screening, and confirmatory tests – arming consumers, providers, researchers, health plans and employers with the accurate, reliable information they need to make better healthcare decisions.

Backed by a range of testing methods that aid in the diagnosis, detection, and recovery from diseases. Our comprehensive offering of immunoassays includes rapid tests, Enzyme Immunoassays (EIA/ELISA), Chemiluminescence Immunoassays (ChLIA) and western blots in the following diagnostic areas:

- ▶ **Inflammation**
- ▶ **Cardiac Markers**
- ▶ **Endocrinology**
- ▶ **Metabolism**
- ▶ **Drugs of Abuse**
- ▶ **Infectious Diseases**

We manufacture our products under the strictest international regulatory standards at our facilities around the world, and most of our assays are CE-marked or FDA cleared.

It is our mission to deliver reliable, high-quality assays to ensure accurate results for your lab and provide you with the valuable information you need to make better healthcare decisions. We deliver the tests you need and results you can trust.

We Deliver the Tests you Need and the Results you Can Trust.



INFECTIOUS DISEASES

ELISA KITS

Product Description	Pack Size	Cat. No.
HTLV I/II ELISA 4.0	96 tests/kit	23080-096
	192 tests/kit	23080-192
	480 tests/kit	23080-480
HBsAg ELISA 4.1	96 tests/kit	23470-096
	480 tests/kit	23470-480
HIV Ag/Ab Combo ELISA 4.0	96 tests/kit	23040-096
	480 tests/kit	23040-480
HEV ELISA IgG	96 tests/kit	0721150096T
HEV ELISA 4.0	96 tests/kit	23540-096
TP (Treponema pallidum) ELISA 4.0	96 tests/kit	23560-096
	480 tests/kit	23560-480

HIV AG/AB COMBO ELISA 4.0

Cat. No. 23040-096 - 23040-480

- ▶ Enzyme-linked immunosorbent assay.
- ▶ Detection of total antibodies to Immunodeficiency Virus (HIV) in human serum or plasma.
- ▶ CE-marked.





INFECTIOUS DISEASES

RAPID TESTS

Product Description	Pack Size	Cat. No.
Rapid Tests		
ASSURE TB Rapid Test	20 tests/kit	43500-020
MULTISURE Dengue Ab/Ag Rapid Test	20 tests/kit	43590-020
Respiratory Infectious Disease		
Rapid SARS-CoV-2 Antigen Test Card (Professional Use)	20 tests/kit	07AG6020B
Rapid SARS-CoV-2 Antigen Test Card (Self-Test)	5 tests/kit	07AG6005BS
	1 test/kit	07AG6001BS
Rapid Influenza A Test Card (Flu A)	20 tests/kit	07FLUA020
Rapid Influenza A + B Antigen Test Card	20 tests/kit	07FLUA020AG
Rapid SARS-CoV-2/Influenza A+B Antigen Duo Test Card	20 tests/kit	07AG6020FL
Gastrointestinal Infectious Disease		
Rapid Salmonella typhi IgG/IgM Combo Test Card	25 tests/kit	07SAL025AB
Rapid H. pylori Antigen Test Card	25 tests/kit	07HPY025ST
Rapid V. Cholerae O1 Test Card	25 tests/kit	07VCHO1C
Rapid V. Cholerae O1 Test Strip	50 tests/kit	07VCHO1S
Rapid V. Cholerae O139 Test Card	25 tests/kit	07VCH139C
Rapid V. Cholerae O139 Test Strip	50 tests/kit	07VCH139S

RAPID SARS-COV-2/INFLUENZA A+B ANTIGEN DUO TEST CARD

Cat. No. 07AG6020FL

- ▶ Accurate result within 15 to 20 minutes.
- ▶ One-step procedure, no equipment needed.
- ▶ For professional use only.
- ▶ CE-marked.





RAPID TESTS

Product Description	Pack Size	Cat. No.
HIV, Sexual Transmission Diseases		
MULTISURE HIV Rapid Test	20 tests/kit	43030-020
MULTISURE® HIV 1/2 Confirmatory Test	20 tests/kit	93030-020
ASSURE Syphilis Rapid Test	25 tests/kit	8AC90-025
Viral Hepatitis		
ASSURE HEV IgM Rapid Test	20 tests/kit	43160-020
ASSURE HAV IgM Rapid Test	25 tests/kit	8AA40-025
Protozoal Diseases		
ASSURE MALARIA P.F/P.V RAPID TEST	25 tests/kit	8AB40-025
ASSURE Malaria P.f/Pan Rapid Test	25 tests/kit	8AB50-025

MULTISURE® HIV 1/2 CONFIRMATORY TEST

Cat. No. 93030-020

- ▶ Confirm and differentiate HIV-1 and HIV-2.
- ▶ Accurate result.
- ▶ Simple workflow.
- ▶ Flexible: manual or automatic reading of result.
- ▶ Wide temperature storage (2 °C – 30 °C).
- ▶ CE-marked.



POINT-OF-CARE

MPQUANTI® - IMMUNOFLUORESCENCE ANALYZER

The Immunofluorescence Analyzer MPQuanti® is a time-resolved fluorescence immunoassay analyzer which provides rapid and quantitative results by the examination of human samples.



Our quantitative rapid tests are optimized and compatible with multiple sample types, including:



Whole Blood



Plasma



Serum

- ▶ Based on detection of fluorescence emitted during an immunoassay.
- ▶ Read Time < 20 seconds.
- ▶ Data storage: more than 10,000 test records.
- ▶ Built-in printer.
- ▶ CE-marked.

Name	Pack Size	Cat. No.
Immunofluorescence Analyzer MPQuanti®	1 unit/box	07IMA001

MPQuanti® provides quantitative test results by the analyze of human samples with specific *in-vitro* diagnostic test kits including:

INFLAMMATION

CARDIAC
MARKERS

HORMONES

DIABETES &
VITAMIN D

DIAGNOSTIC TEST KITS

	Name	Pack Size	Cat. No.
INFLAMMATION	Diagnostic Kit for C-reactive Protein	25 tests/kit	07CRP5025
	Diagnostic Kit for Interleukin-6	25 tests/kit	07IL5025
	Diagnostic Kit for Procalcitonin (PCT)	25 tests/kit	07PCT5025
CARDIAC MARKERS	Diagnostic Kit for CK-MB	25 tests/kit	07CKMB5025
	Diagnostic Kit for Cardiac Troponin I	25 tests/kit	07CTN15025
	Diagnostic Kit for Myoglobin (Myo)	25 tests/kit	07MY5025
	Diagnostic Kit for D-Dimer	25 tests/kit	07CTNL5025
DIABETES & VITAMIN D	Diagnostic Kit for HbA1c	25 tests/kit	07HBA5025
	Diagnostic Kit for 25-HydroxyvitaminD (25-OH-VD)	25 tests/kit	07OHVD5025
HORMONES	Diagnostic Kit for Luteinizing Hormone (LH)	25 tests/kit	07LH5025
	Diagnostic Kit for Progesterone	25 tests/kit	07PROG5025
	Diagnostic Kit for PRL (Prolactin)	25 tests/kit	07PLAC5025
	Diagnostic Kit for TSH	25 tests/kit	07TSH5025
	Diagnostic Kit for T3	25 tests/kit	07T35025
	Diagnostic Kit for T4	25 tests/kit	07T45025
	Diagnostic Kit for Free T3	25 tests/kit	07FT35025
	Diagnostic Kit for Free T4	25 tests/kit	07FT45025
	Diagnostic Kit for β -HCG	25 tests/kit	07HCG5025

DIAGNOSTIC KIT FOR HBA1C

Cat. No. 07HBA5025

- ▶ For professional *in-vitro* diagnostic use.
- ▶ Working only with MPQuanti® immunofluorescence analyzer.
- ▶ Test results should be interpreted at 10 minutes.
- ▶ CE-marked.



CONFIRMATORY DIAGNOSTICS

AUTOBLOT SYSTEMS

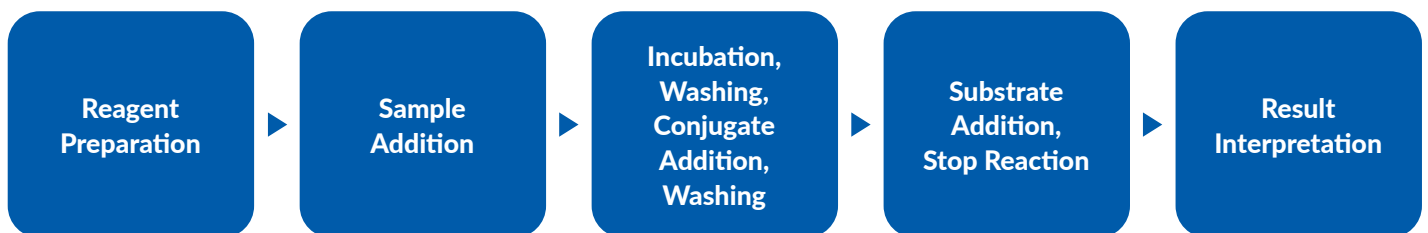
Streamline and enhance your automation workflow with the latest models of AutoBlot System and AutoScan Pro.

The AutoBlot System is an intelligent Western Blot processor that enables automated washing and incubation of up to 48 assay strips per run at your pre-selected temperature. The AutoBlot System helps to satisfy your Immunoblot needs by minimizing human error, increasing productivity, and delivering accurate and consistent results.

- ▶ Available for 36 or 48 samples per run.
- ▶ High-quality of results and repeatability.
- ▶ Save time and effort: automated addition and aspiration of buffers, conjugate and wash reagents.
- ▶ Efficient: reduce workload.
- ▶ Integrative: easy data management.
- ▶ CE-marked.



Name	Pack Size	Cat. No.
AutoBlot System 36	1 unit/box	EMC019
AutoBlot System 48	1 unit/box	EMC020



AUTOSCAN PRO

Cat. No. EMC021

AutoScan PRO is a software which enables an automated analysis and interpretation of Western Blot and Line Immunoblot test results. AutoScan PRO reads the digital image of the strips generated by a validated scanner.

- ▶ Scan of the results by a validated scanner.
- ▶ Read of the digital image.
- ▶ Interpretation based on pre-programmed criteria.
- ▶ Providing an accurate interpretation to the user.
- ▶ CE-marked.



Step 1

Automated Assay Run



Step 2

Scan • Analyse • Interpret



Step 3

View Results • Print Report



AutoBlot System + AutoScan PRO: < 3.5 hours

Manual Workflow: > 4.5 hours

Product Description	Pack Size	Cat. No.
HIV Blot 2.2	18 tests/kit	11030-018
	36 tests/kit	11030-036
HTLV Blot 2.4	18 tests/kit	11080-018
	36 tests/kit	11080-036
HCV Blot 3.0	18 tests/kit	11130-018
	36 tests/kit	11130-036
Helico Blot 2.1	18 tests/kit	12420-018
	36 tests/kit	12420-036

DRUGS OF ABUSE

POINT-OF-CARE TESTING & SCREENING

- ▶ Accurate results within 5 minutes.
- ▶ Tailor-made tests with customized combinations.
- ▶ Simple one-step procedure.
- ▶ Acknowledge by European authorities (CE-marked).



DRUGS		CUT-OFF CONCENTRATIONS	DRUGS		CUT-OFF CONCENTRATIONS	
URINE	Acetaminophen (ACE)	5,000 ng/mL	URINE	Methamphetamine (M-AMP)	1,000 ng/mL	
	Alcohol (ALC)	40 mg/dL (0.04% BAC)		Methaqualone (MQL)	300 ng/mL	
	Amphetamine (AMP)	1,000 ng/mL		Methylenedioxypropyvaleron (MDPV)	500 and 1,000 ng/mL	
	Barbiturate (BAR)	300 ng/mL		Methylphenidate (MPD)	300 ng/mL	
	Benzodiazepine (BZD)	300 ng/mL		6-Monoacetylmorphin (6-MAM)	10 ng/mL	
	Buprenorphine (BUP)	10 ng/mL		Opiate* (OPI)	300 and 2,000 ng/mL	
	Clonazepam (7-ACL)	300 ng/mL		Oxycodone (OXY)	100 ng/mL	
	Cocaine (COC)	300 ng/mL		Phencyclidine (PCP)	25 ng/mL	
	Cotinine (COT)	100 ng/mL		Pregabalin (PGB)	500 ng/mL	
	EDDP	100 ng/mL		Propoxyphene (PPX)	300 ng/mL	
	Ethylglucuronide (EtG)	500 ng/mL		SPICE / K2	50 ng/mL	
	Fentanyl (FTL)	10 ng/mL		Tilidin (TIL)	50 and 300 ng/mL	
	Hydromorphon (HMO)	250 / 500 / 1,000 ng/mL		Tramadol (TML)	200 ng/mL	
	Gammahydroxybutyric acid (GHB)	10 ng/mL		Trazodon (TZD)	25 and 200 ng/mL	
	Ketamine (KET)	1,000 ng/mL		Tricyclic antidepressants (TCA)	1,000 ng/mL	
	Lysergic Acid Diethylamide (LSD)	20 and 50 ng/mL		Zaleplon (ZAL)	100 ng/mL	
	Marijuana (THC)	50 ng/mL		Zolpidem (ZOL)	25 and 50 ng/mL	
	MDMA	500 ng/mL		Zopiclone (ZOP)	50 ng/mL	
	Mephedron (MEP)	500 ng/mL				
	Mescaline (MES)	500 ng/mL				
Methadone (MTD)	300 ng/mL					

*SAMHSA recommends a cut-off concentration of 2,000 ng/mL for opiates test.



DRUGS		CUT-OFF CONCENTRATIONS
SALIVA	Alcohol (ALC)	40 mg/dL (0.04% BAC)
	Amphetamine (AMP)	50 ng/mL and 80 ng/mL
	Barbiturate (BAR)	50 ng/mL
	Benzodiazepine (BZD)	50 ng/mL
	Buprenorphine (BUP)	50 ng/mL and 10 ng/mL
	Cocaine (COC)	30 ng/mL
	Cotinine (COT)	50 ng/mL
	Ketamine (KET)	50 ng/mL
	Marijuana (THC)	25 ng/mL and 100 ng/mL
	MDMA	50 ng/mL
	Methadone (MTD)	30 ng/mL
	Methamphetamine (M-AMP)	50 ng/mL
	Opiate (OPI)	40 ng/mL
	Oxycodone (OXY)	50 ng/mL
	Phencyclidine (PCP)	10 ng/mL
Tramadol (TML)	50 ng/mL	

PORTABLE DRUG TESTS READER

For the scan and digitalization of drug test results in saliva and urine samples. Allows a qualitative measurement of drugs in less than 5 seconds.



Cat. No. ADT3000

Excellent Performance Characteristics

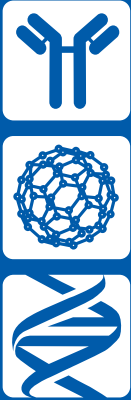
The Portable Drug Tests Reader offers the advantages of high accuracy, strong stability, and repeatability.

- ▶ All format reader (cup and dip card).
- ▶ Camera based detection.
- ▶ Data storage: 10,000 records.
- ▶ Store test image and results.
- ▶ Built-in printer.
- ▶ Easy-to-use.
- ▶ CE-marked.

We also provide the following adulteration tests:

Creatinine, Nitrite, Glutaraldehyde, pH, Specific Gravity, Bleach, Oxidant, and Pyridinium Chlorochromate.

MP



MP Biomedicals™



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