

# Rapid Division Catalogue 2020-21

# Medsource Ozone Biomedicals

IVD solutions for customers who refuse to compromise!

Medsource Ozone Biomedicals, as an Indian organization with global aspirations has been built brick-by-brick on the foundation of trust, quality and sincerity. Since 2003, we are providing world class products to our customers located across 32 countries on 4 continents. Our diverse portfolio of IVD and patient care products are being manufactured in our state of the art ISO 13485:2016 and MDR2017 compliant manufacturing unit at Faridabad, Delhi NCR. A team of 350+ team members spread across India are passionately involved in delivering extraordinary value products across multiple segments, fully supported through qualified sales, application and service team members.

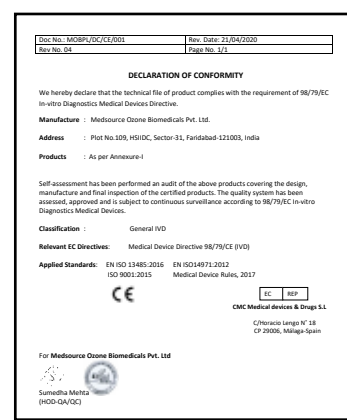
As on date, we offer among the broadest high quality range of products across IVD segments including:

- Rapid Diagnostic Tests for professional use
- Patient Care products for home/self testing
- Point of Care products for near patient testing
- Clinical Chemistry and Hematology systems
- Autoimmune Diagnostics
- Molecular Diagnostics for clinical laboratories
- Hemostasis / Coagulation testing
- Serological testing and Immunoassays
- Electrolyte analysis

Our products are sold across India and rest of world through a network of qualified business partners who share our philosophy of mutual trust and high standards of quality in products and customer service.



ISO 13485:2016



CE CERTIFICATE



ISO 9001:2015

**Blood Banking Range**

03

**Vector Borne Diseases**

07

**Infectious Diseases**

12

**Fertility Markers**

16

**Critical Care Markers**

17

**Other Rapid Tests**

18

**Blood Glucose Monitoring System**

19

**Urine Analysis**

20



### Human Immunodeficiency Virus (HIV)

HIV is a retrovirus (lentivirus) that infects and destroys cells in the immune system. HIV is transmitted from one infected person to another through penetrative sexual acts, through a contaminated blood transfusion or the sharing of needles and syringes, and from mother to child.

### Is It...HIV One + One Rapid Test

#### HIV050 | 50 TESTS | SERUM/ PLASMA /WHOLE BLOOD\*

- Triline test for detection and differentiation of HIV-1 and HIV-2 antibodies
- Membrane precoated with recombinant capture Ag (gp-41, gp120) for HIV-1 and gp-36 for HIV-2
- Detects genotypes from Indian as well as global population including A, B, C, D, F, G, H, J, K, CRFs etc.
- Validated on global early infection panels demonstrating shorter window period compared to FDA approved assays
- Detects antibodies of all Isotypes IgG, IgM & IgA
- Evaluated by NIB for multiple lots
- Excellent sensitivity  $\geq 99.5\%$  and specificity  $\geq 98\%$
- Ease of use with one drop serum and one drop buffer procedure



### Hepatitis C Virus (HCV)

HCV is an enveloped virus, a member of the family Flaviviridae. It is mainly transmitted by exposure to contaminated blood or blood products and sexual transmission. HCV is a major cause of liver associated disease with an estimated 3% of the world's population chronically infected.

### Is It...HCV One + One Rapid Test

#### HCV050 | 50 TESTS | SERUM/PLASMA/WHOLE BLOOD\*

- Detection of HCV antibodies with double antigen lateral flow assay
- Pre-coated with recombinant HCV fusion Ag (Core, NS3, NS4 and NS5)
- High sensitivity for global panel
- Excellent sensitivity  $\geq 99\%$  and specificity  $\geq 98\%$
- Evaluated by NIB for multiple lots
- Ease of use with one drop serum and one drop buffer procedure



\*Subject to availability against special orders

### Hepatitis B Virus (HBV)

HBV is a member of the Hepadnaviridae family. HBV infection is common worldwide with more than 350 million (5%) of the world's population estimated to be chronic carriers. It is a major cause of cirrhosis of the liver and hepatocellular carcinoma (HCC) worldwide. It can be spread through blood transfusion and sexual transmission.

### Is It...HBsAg Rapid Test

#### HBSC050 | 50 TESTS | SERUM/PLASMA/WHOLE BLOOD\*

- Detection of Hepatitis B surface antigen (HBsAg)
- Detects Indian (A, C and D) as well as globally prevalent genotypes A, B, C, D, E, F, G, H, I and J etc.
- High analytical sensitivity: 0.5ng/ml
- Use of mouse monoclonal anti-HBs antibodies for high sensitivity and specificity
- Excellent diagnostic sensitivity  $\geq 99\%$  and specificity  $\geq 98\%$
- Evaluated by NIB for multiple lots
- Single step procedure-Add sample and interpret, no buffer required



### Ozoclone Blood Grouping Reagents

#### ABDC030 | 3 X 10 ml | WHOLE BLOOD

- High titres across shelf life of the reagent ( $A \geq 1:256$ ,  $B \geq 1:256$ ,  $D \geq 1:128$ )
- Excellent avidity for confident reporting
- High intensity with agglutination clearly visible
- Detects weak groups due to excellent sensitivity
- Excellent specificity with no cross reactivity
- Evaluated by NIB for multiple lots
- Available reagents for Anti A/ B/ D(IgM)/ D(IgG/IgM)/ AB
- Convenient combo pack for 3 X 10 ml (A+B+D IgM)



\*Subject to availability against special orders

**Syphilis**

Syphilis is a systemic, sexually transmitted infection caused by the bacterial spirochete- Treponema pallidum. It is transmitted by direct contact with an infected lesion, usually through sexual intercourse. When untreated, syphilis progresses through primary, secondary and latent stages. Congenital syphilis is an easily preventable and curable disease, which can be eliminated through effective screening of pregnant women for syphilis and adequate treatment for those who are infected.

**Is It...Syphilis Card Rapid Test**

**SYPC030 | 30 TESTS | SERUM/PLASMA/WHOLE BLOOD\***

- Detection of specific antibodies towards Treponema pallidum
- One step procedure-Add sample and interpret result, no buffer required
- Highly purified recombinant antigens ensure high specificity and sensitivity
- Use of unique cocktail of recombinant antigens (15kDa, 17kDa, 47kDa) of TP
- Detects both IgG and IgM antibodies
- Evaluated by NIB for multiple lots



**Is It...Syphilis Strip Rapid Test**

**SYPS050 | 50 TESTS | SERUM/PLASMA**

- Detection of specific antibodies towards Treponema pallidum
- One step procedure-Add sample and interpret result, no buffer required
- Highly purified recombinant antigens ensure high specificity and sensitivity
- Use of unique cocktail of recombinant antigen (15kDa, 17kDa, 47kDa) of TP
- Detects both IgG and IgM antibodies
- Evaluated by NIB for multiple lots



\*Subject to availability against special orders

**Hemo\_Control: Accurate Hb Analyzer**

**HEMO CONTROL PHOTOMETER | 1 UNIT | 3000-0031-6801**

**MICROCUVETTE HEMOGLOBIN | 50 TESTS | 3000-3011-050 | VENOUS/ARTERIAL/CAPILLARY BLOOD**

- Measures hemoglobin and estimates hematocrit value in human samples in few seconds
- Azidemethemoglobin method for accurate results
- Rechargeable battery for 100 hours operating time
- Wide measuring range 0-25.6 g/dL
- Only 8-10 ul sample volume- Capillary, venous or arterial blood
- US FDA approved and CLIA waived portable analyzer
- Ready to use microcuvette -No diluent or reagent required
- German technology with graphical touch screen and large display
- Operating temperature 15 °C - 40 °C
- Trilevel QC for validation



**OzoHema HB-101: Compact PoC Hb Analyzer**

**OzoHema device HB-101 | 1 UNIT**

**OzoHema Cuvettes HBC-101 | 25 TESTS | VENOUS/ARTERIAL/CAPILLARY BLOOD**

- Measures hemoglobin and estimate hematocrit value in human samples in few seconds
- Reflectance photometer-based principle
- Unique design for professionals
- Fast and easy operation with result time  $\approx$  15 seconds
- Wide measuring range 4.5-25.6 g/dL
- Just 10 ul sample and Specimen: Capillary, venous and arterial
- 800 memory with date and time
- Robust and cost-efficient





**Malaria**

Malaria is a mosquito-borne disease that is caused by parasite called plasmodium which is transmitted to humans through the bite of infected female anopheles mosquito. P. falciparum, P. vivax, P. ovale and P. malariae are the four main species of malaria parasites that infect humans, with the first two species causing the most infections worldwide.

**Is It...Malaria Antigen Pf/Pv Green Rapid Test**

**MAG050 | 50 TESTS | WHOLE BLOOD**

- Differential qualitative detection of Plasmodium falciparum specific HRP-2 and Plasmodium vivax specific pLDH
- Cleared all WHO criteria for sensitivity and specificity
- One of the most sensitive malaria antigen kits in all WHO evaluations for low parasitaemia samples
- High temperature stability between 2-40 °C
- Precise interpretation of mixed infections
- Detects level as low as 50 parasites per µl
- Fast background clearance for confident reporting



**Is It...Malaria Antigen Pf/Pv ECO Rapid Test**

**MAGE050 | 50 TESTS | WHOLE BLOOD**

- Differential qualitative detection of Plasmodium falciparum specific HRP-2 and Plasmodium vivax specific pLDH
- Cleared all WHO criteria for sensitivity and specificity
- One of the most sensitive malaria antigen kits in all WHO evaluations for low parasitaemia samples
- High temperature stability between 2-40 °C
- Precise interpretation of mixed infection
- Detects level as low as 50 parasites per µl
- Cost effective assay for malaria detection



**Is It...Malaria Antigen Pf/PAN Rapid Test**

**MPFPAN050 | 50 TESTS | WHOLE BLOOD**

- Premium Triline qualitative detection and differentiation of Plasmodium falciparum specific HRP-2 and Plasmodium species specific pLDH (PAN)
- Detects all four species (P.f/P.v/P.o and P.m) of plasmodium
- Cleared all WHO criteria for sensitivity and specificity
- One of the most sensitive malaria antigen kits in all WHO evaluations for low parasitaemia samples
- High temperature stability between 2-40 °C
- Detects level as low as 50 parasites per µl
- Clear background and bold band intensity



**Is It...Malaria Antigen PAN Rapid Test**

**MPAN050 | 50 TESTS | WHOLE BLOOD**

- Qualitative detection of Plasmodium species specific pLDH (PAN)
- Detects all four species (P.f/P.v/P.o and P.m)
- Allows fast interpretation of results with two band detection
- Ideal for screening of malaria infected patients and donors
- High temperature stability between 2-40 °C



**Nanosign Malaria Antigen Pf/Pv Rapid Test**

**MALAG030 | 30 TESTS | WHOLE BLOOD**

- Premium rapid qualitative detection and differentiation of Plasmodium falciparum specific pLDH and PAN specific pLDH
- Detects of all four species (P.f/P.v/P.o and P.m) of plasmodium
- Detects level as of as low as 50 parasites per µl
- Suitable for treatment monitoring due to use of pLDH
- No interference found from rheumatoid factor



## Is It...Malaria Antigen Pf/Pv Rapid Test

### AL030 | 30 TESTS | WHOLE BLOOD

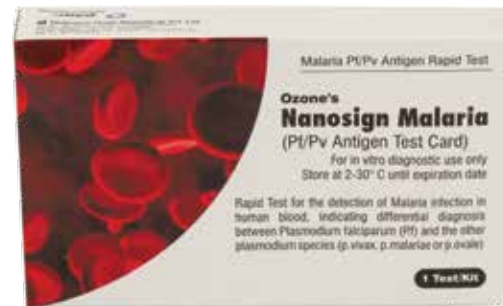
- Triline qualitative detection and differentiation of Plasmodium falciparum specific HRP-2 and Plasmodium species specific pLDH (PAN)
- Detects all four species (P.f/P.v/P.o and P.m) of plasmodium
- Cleared all WHO criteria for sensitivity and specificity
- One of the most sensitive malaria antigen kits in all WHO evaluations for low parasitaemia samples
- High temperature stability between 2-40 °C
- Detects level as low as 50 parasites per µl



## Nanosign POCT Malaria Antigen Pf/Pv Rapid Test

### MAL001 | 1 TEST | WHOLE BLOOD

- Premium rapid qualitative detection and differentiation of Plasmodium falciparum specific pLDH and PAN specific pLDH
- Single POCT test pack including lancet, individual buffer vial etc. for testing
- Detects of all four species (P.f/P.v/P.o and P.m) of plasmodium
- Detects level as of as low as 50 parasites per µl
- Suitable for treatment monitoring due to use of pLDH
- No interference found from rheumatoid factor



## Dengue

Dengue is a viral infection transmitted by Aedes Aegypti mosquito that causes human infection. There are four distinct virus serotypes (DENV1-4) that co-circulate in many associated endemic countries. The key to tackle dengue infection is its early recognition and understanding of the clinical problems.

## Is It...Dengue Combo (NS1 Ag + IgM/ IgG ) Rapid Test

### DAGAB010 | 10 TESTS | SERUM/PLASMA/WHOLE BLOOD\*

- Assay designed to detect dengue virus NS1 Ag and antibodies IgM/IgG
- Detection of all serotypes (DENV1, DENV2, DENV3 and DENV4)
- See through NS1 device limits the infection risk
- Dengue NS1 assay runs without sample buffer
- Ideal diagnostic tool for dengue disease management by covering all clinical stages from acute to convalescence phase
- High specificity due to special NS1 formulation



## Is It...Dengue NS1 Antigen Rapid Test

### DENAG010 | 10 TESTS | SERUM/PLASMA/WHOLE BLOOD

- Detection of all serotypes (DENV1, DENV2, DENV3 and DENV4) prior to sero-conversion
- Whole blood sample allows testing at the point of care, saving crucial time
- Special NS1 formulation for higher specificity
- Validation with early known infection panels across commercially available kits found excellent sensitivity and specificity
- See through device limits the infection risk
- One step procedure-No sample diluent required for testing



\*Subject to availability against special orders

www.ozonebio.com



## Is It...Dengue IgG/ IgM Rapid Test

### DNGM025 | 25 TESTS | SERUM/PLASMA

- Differential detection of IgG and IgM to aid differentiation of primary/secondary dengue infection
- Detection of all serotypes (DENV1-DENV4)
- No cross reactivity with other flavivirus group and mosquito-born diseases
- Ease of use and no instrument required for testing and room temperature storage



## Ozolis Dengue NS1 Antigen ELISA

### EDEN | 96 TESTS | SERUM/PLASMA

- Qualitative detection of Dengue NS1 antigen based on 'Direct Sandwich' ELISA principle
- Lesser steps (5 nos.) of procedure compared to commercially available Dengue ELISA kits
- Employs a simple, one step ratio method of interpretation
- Breakable wells to minimize wastage and allow flexibility of tests per run
- No hooks effect was observed with OZOLISA Dengue NS1 Ag
- No cross reactivity to other arboviral disease or critical infections
- Analytical Sensitivity ~0.3ng/mL
- Relative Sensitivity ~100% and Relative Specificity ~98%



## Chikungunya

Chikungunya fever is a viral disease transmitted to humans by the bite of infected Aedes aegypti mosquitoes. Chikungunya virus is a member of the genus Alphavirus. It causes fever and severe joint pain. Other symptoms include muscle pain, headache, nausea, fatigue and rash.

## Is It... Chikungunya IgG/IgM Rapid Test

### CHK010 | 10 TESTS | SERUM/PLASMA

- Qualitative and differential detection of Chikungunya virus specific IgM and IgG antibodies
- Membrane pre-coated with recombinant antigens derived from the virus structural protein
- Helps to differentiate from other febrile illnesses with similar symptoms like Dengue, malaria etc.
- Ideal assay to diagnose and disease management of chikungunya
- Simple two steps procedure



## Typhoid

Typhoid fever is a systemic infection caused by Salmonella Typhi, usually through ingestion of contaminated food or water. The acute illness is characterized by prolonged fever, headache, nausea, loss of appetite, and constipation or sometimes diarrhoea. A similar but often less severe disease, paratyphoid fever, is caused by Salmonella Paratyphi A and B (or uncommonly Paratyphi C).

## Is It...Typhoid One + One Rapid Test

### TYPO050 | 50 TESTS | SERUM/PLASMA

- Triline Detection and differentiation of IgM/IgG antibodies against S.typhi and S.paratyphi on single strip
- Detects both IgG and IgM separately and simultaneously, thus indicating the status of acute infection and convalescence or previous exposure
- Cocktail of recombinant S.typhi and S.paratyphi antigens for high sensitivity
- Overcomes limitation of widal test by room temperature storage and objective interpretation
- Simple procedure with one drop serum/plasma and one drop buffer



## Is It...Typhoid Antigen Rapid Test

### TYPAG030 | 30 TESTS | HUMAN FECES

- Triline test for detection and differentiation of S.typhi and other S.paratyphi antigens in human feces (stool sample)
- Extremely high specificity for Salmonella detection
- Includes sample collection device and individually packed buffer vials
- Room temperature storage for the assay
- Ease of use and no instrument required for testing



### Scrub Typhus (Tsutsugamushi Fever)

Scrub typhus (Chigger borne typhus, Tsutsugamushi fever) is caused by *Orientia tsutsugamushi*, gram negative bacterium of the family Rickettsiaceae. It is transmitted by the mite *Leptotrombidium delicense*. Human beings are infected when they trespass into these mite islands and are bitten by the mite larvae. Scrub typhus, originally found in scrub jungles, has also been identified in a variety of other habitats, such as sandy beaches, mountain deserts and equatorial rain forests.

### Is It...Scrub Typhus IgG/ IgM Rapid Test

#### SRTS010 | 10 TESTS | SERUM/PLASMA

- Triline detection and differentiation of IgM and IgG antibodies to *O.tsutsugamushi*
- See through device with 3 band detection allows differentiation of IgM and IgG antibodies
- Membrane is precoated with unique cocktail of *O.tsutsugamushi* antigens
- Excellent sensitivity and specificity
- Ease of use and no instrument required for testing
- Ideal for all Hospital and clinical laboratories due to convenient 10 tests pack size



### Leptospira

Leptospirosis is a bacterial infection caused by the spiral-shaped bacteria (*spirochete*) of the genus *Leptospira*. It is mainly transmitted to humans by exposure of the mucous membranes (oral, nasal & eye) and skin abrasions or cuts to the urine or tissues of infected rodents or soil contaminated by their urine. Without treatment, Leptospirosis can lead to kidney damage, meningitis (inflammation of the membrane around the brain and spinal cord), liver failure, respiratory distress, and even death.

### Is It...Leptospira Rapid Test

#### LEPT030 | 30 TESTS | SERUM/PLASMA/WHOLE BLOOD

- Qualitative test for differential detection of IgM and IgG antibodies against *Leptospira interrogans*
- See through device with 3 band interpretation
- High sensitivity and specificity
- Can be used at room temperature
- Requires no instrument for testing
- Fast result time for early diagnosis



### Helicobacter pylori (H.Pylori)

*Helicobacter pylori* is a common bacterial infectious disease whose manifestations predominately affect the gastrointestinal tract. *H. pylori* infection can be contacted through contaminated food, water, or utensils. *H. pylori* bacteria may be passed from person to person through direct contact with saliva, vomit or faecal matter.

### Is It...H.pylori Antigen Rapid Test

#### HYPAG030 | 30 TESTS | HUMAN FECES

- Rapid qualitative detection of *H.pylori* Antigen in human feces
- Membrane pre-coated with specific monoclonal antibodies against *H.pylori* antigen
- High analytical sensitivity of 8 ng/ml
- High diagnostic sensitivity and specificity
- Earlier detection results aids in faster treatment against infection
- Kit includes sample collection device and buffer vials for performing individual tests



### Is It...H.pylori Antibody Rapid Test

#### HYPAB030 | 30 TESTS | SERUM/PLASMA

- Detection of *H.pylori* antibodies (IgM, IgG, IgA) in human serum/plasma
- ICT double antigen -sandwich technique-based assay
- High sensitivity
- Simple procedure minimizes operator error due to sample preparation
- Requires no instrument or technical operator to run the test





**Toxoplasmosis**

Toxoplasmosis is an infection caused by a parasite called *Toxoplasma gondii*. It can be found in cat feces and undercooked meat, especially venison, lamb, and pork. Infected people are usually symptomless or may have fever, malaise, myalgia, headache and lymphadenopathy.

**Is It...Toxoplasma IgG/IgM Rapid Test**

**TOXGM030 | 30 TESTS | SERUM/PLASMA**

- Rapid, qualitative and differential detection of IgG and IgM antibodies to *Toxoplasma gondii*
- Simple one step procedure by adding sample-No buffer required
- Excellent sensitivity and specificity
- Key to diagnose pregnant women and aid in early screening
- Room temperature storage for the assay



**Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2)**

Coronavirus is a single-stranded enveloped RNA virus. It can cause a variety of acute and chronic diseases. Common signs of a person infected with a coronavirus include respiratory symptoms, fever, cough, shortness of breath, and dyspnea. In more severe cases, infection can cause pneumonia, severe acute respiratory syndrome, kidney failure, and even death. The 2019 new coronavirus, or “COVID-19”, was named by the World Health Organization on January 12, 2020.

**Is It... COVID-19 IgG/IgM Rapid Test**

**RCOV050 | 50 TESTS | SERUM/ PLASMA/ WHOLE BLOOD**

- Unique cocktail of multiple Nucleocapsid and Spike proteins for high sensitivity
- Initial lots validation performed at NIV Pune
- ICMR listed assay
- Simultaneous detection and differentiation of IgM and IgG antibodies towards SARS-CoV2
- High sensitivity > 85% at >6 days of infection
- High specificity > 95%
- Detection without any special testing equipment



**HCG for Pregnancy**

Human chorionic gonadotropin (hCG) is a glycoprotein hormone produced by the developing placenta shortly after fertilization. hCG levels continue to rise rapidly, frequently exceeding 100 mIU/mL by the first missed menstrual period and peaking in the 100,000-200,000 mIU/mL range about 10-12 weeks into pregnancy. The appearance of hCG in both the urine and serum soon after conception make it an excellent marker for the early detection of pregnancy.

**Is It...hCG Pregnancy Test Device**

**HCGD050 | 50 TESTS | HUMAN URINE**

- Qualitative detection of human chorionic gonadotropin (hCG) in urine samples
- Use of anti hCG antibodies (monoclonal antibodies) for reliable and accurate results
- High sensitivity (Detects up to 25 IU / ml)
- High specificity - Reported no cross reactivity with LH, FSH and TSH
- Traceable to the W.H.O. International Standard
- Results within 5-10 minutes
- Simple one step of procedure by transfer of two full drops of patient urine (50 ul approx.)



**Human Luteinizing Hormone (hLH)**

Human luteinizing hormone (hLH) is a glycoprotein hormone secreted by the anterior pituitary. In view of the characteristic variation of hLH during the menstrual cycle, and sensitive measurement of hLH is an important tool in the diagnosis and management of infertility in females. Detection of the hLH surge can aid in predicting the time of ovulation. The onset of the hLH surge precedes ovulation by approximately 30 hours.

**Is It...LH Rapid Test**

**LH010 | 10 TESTS | HUMAN URINE**

- Rapid chromatographic immunoassay for the qualitative detection of luteinizing hormone (LH)
- Designed to aid in the detection of ovulation
- Important tool in the diagnosis and management of infertility in females
- Fast and Reliable results in just 5 minutes
- Highly sensitive with detection limit of 40mIU/ml
- High specificity - Reported no cross reactivity with hCG, FSH and TSH



**Acute Myocardial Infarction (AMI)**

AMI is a life-threatening condition that occurs when blood flow to the heart muscle is abruptly cut off, causing tissue damage. After cardiac injury occurs, Troponin I is released into the blood 4-6 hours after the onset of pain. Troponin I remains elevated for 6-10 days, thus providing for a longer window of detection for cardiac injury. Because of its high specificity and sensitivity in the myocardial tissue, Troponin I has recently become the most preferred biomarker for myocardial infarction.

**Is It...Troponin I Rapid Test****TNI010 | 10 TESTS | WHOLE BLOOD/SERUM/PLASMA**

- Qualitative detection of cardiac troponin I (cTnI) and its complex in human whole blood, serum and plasma
- Spot or bedside test can be performed using whole blood or even from finger stick for accelerated and confident decision making for AMI even in point of care setting
- High analytical sensitivity of 0.5 ng/ml
- Superior than troponin T (cTnT) as no false positives results associated with hemodialysis, kidney transplant, acute renal failure and skeletal muscle failure etc.
- Test employs monoclonal antibodies against cardiac troponin I antigen for high specificity
- One step procedure – Add sample and interpret, no buffer required

**Sepsis**

Sepsis is the life-threatening response to an infection that can lead to tissue damage, organ failure, and death. There is increasing evidence that support the use of procalcitonin (PCT) for diagnosis of bacterial sepsis. PCT provides clinicians in the intensive care unit, emergency department, and hospital wards with a sensitive, specific, and STAT biomarker to aid in sepsis assessment for patients in or headed to the intensive care unit.

**Is It...PCT SQ****PCT010 | 10 TESTS | SERUM/PLASMA**

- Rapid 20 minutes test for detection of procalcitonin
- Semi-quantitative detection of PCT - Included is a reference card which allows differentiation at levels of 0.5ug/L, 2ug/L and 10ug/L with high sensitivity and specificity
- Detection of procalcitonin aids in differentiation of non-sepsis cases from sepsis cases
- No reader required for semi quantification
- High analytical sensitivity: 0.5µg/L

**Fecal Occult Blood (FOB)**

Many diseases may result in hidden blood in the feces. This is known as fecal occult blood (FOB), human occult blood, or human hemoglobin. FOB is a useful aid to detect bleeding caused by a number of gastrointestinal disorders, e.g., diverticulitis, colitis, polyps, and colorectal cancer. Fecal occult blood tests are recommended for use in routine hospital/clinics testing for gastrointestinal bleeding from any cause.

**Is It...FOB Rapid Test****FOB I 10 TESTS | HUMAN FECES**

- Higher accuracy as the assay detects only human hemoglobin
- Higher sensitivity and specificity than the traditional guaiac test (gFOBT)
- No dietary and medication restrictions required as mandatory in guaiac test
- Designed to specifically detect low levels of fecal occult blood, hHB ≥ 50 ng/ml
- Includes sample collection device and individually packed buffer vials
- Biohazard free as no chemical solution (hydrogen peroxide) required for testing

**Rheumatoid Arthritis (RA)**

Rheumatoid arthritis is a common autoimmune disease, affecting nearly 1% of the population, that can cause joint pain and damage throughout the body. The most significant clinical symptom is an inflammation of the synovial membranes which causes a painful swelling of the articulations and ankylosis. Anti CCP antibodies are detectable in patient sera up to 10 years prior to the appearance of symptoms and characterized by a specificity > 90%-95% in patients affected by RA.

**Is It...CCP Rapid Test****CCP010 | 10 TESTS | SERUM/PLASMA**

- Rapid and qualitative determination of IgG antibodies to cyclic citrullinated peptides
- One of the first CCP rapid tests for rheumatoid arthritis
- Evaluated and accredited test with highest specificity for RA
- High correlation of results with commercially available CCP ELISA
- Requires no calibrators for testing
- Designed for short turnaround time of less than 20 minutes post sample addition





**Diabetes**

Diabetes is a chronic disease that occurs either when the pancreas does not produce enough insulin or when the body cannot effectively use the insulin it produces. Blood glucose monitoring reveals individual patterns of blood glucose changes and testing allows for quick response to high blood sugar (hyperglycemia) or low blood sugar (hypoglycemia).

**Ozocheck URight: Professional Blood Glucose Meter**

**URTDGS010 | 1 UNIT**

**URTDGS050 | 50 TESTS | ARTERIAL/VENOUS/FINGER STICK WHOLE BLOOD**

- One test gives two results, blood glucose level and ketone warning
- Latest GDH FAD Technology that can be used on patients on artificial glucose intravenous and other samples with least interference
- Strip Ejection to ensure highest user safety – No touching of strips
- Fastest reading time - Only 5 seconds for results
- Compliant to latest ISO 15197:2013 standard
- Memory: 450 measurement results with respective date and time
- Measurement Range: 20 to 600 mg/dL (1.1 to 33.3mmol/L)
- Evaluated by NIB for multiple lots



**Urine Analysis Strips (URS)**

Urine tests are useful for clinical diagnostic studies offering quick and reliable information on pathological changes in the urine. Their significance lies primarily in first-line diagnostics. Routine testing with multi-parameter strips allows a determination of the complete urine status.

**Ozocheck 10P**

**10US100 | 100 TESTS | HUMAN URINE**

- Test for Blood, Bilirubin, Urobilinogen, Ketone, Protein, Nitrite, Glucose, pH, Specific gravity, Leucocytes in urine samples.
- Easy semi quantitative interpretation
- Results in only 60 seconds
- Good resistance to humidity
- Long shelf life: 24 months
- Fast results visually or on instrument



**Ozocheck 2P**

**2GP100 | 100 TESTS | HUMAN URINE**

- Fast and reliable results for Glucose and Protein
- Results in only 60 seconds
- Good resistance to humidity
- Long shelf life: 24 months
- Cost Effective



**Ozosys 120: Compact and Reliable Urine Analysis System**

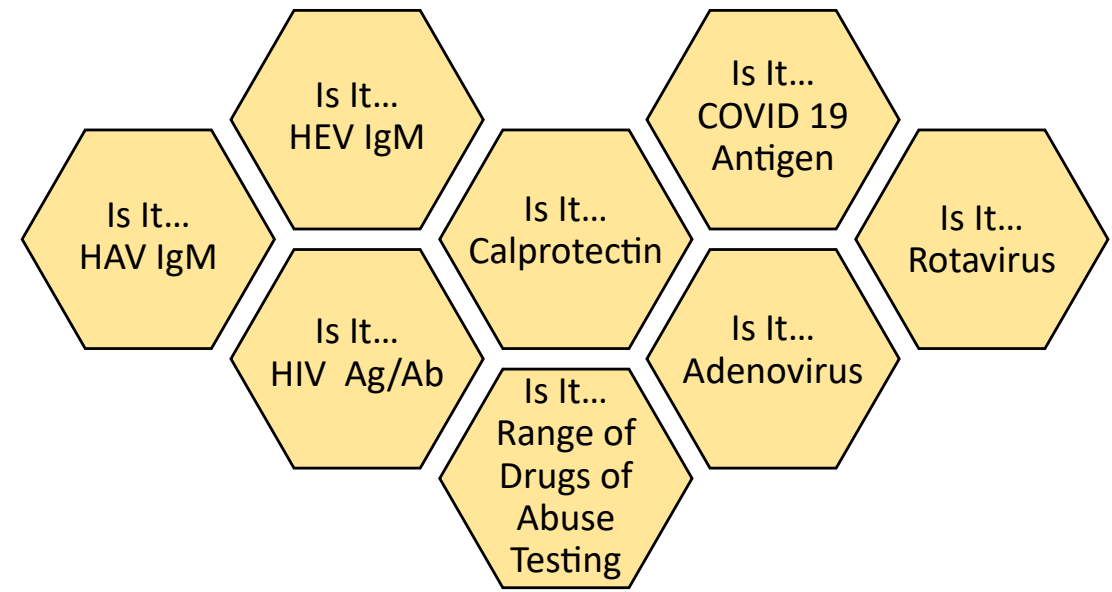
- Large LCD display and menu-driven friendly interface
- Long life, High brightness and cold light source.
- New type optical sensors provide high sensitivity & accuracy and good anti-interference ability
- Test speed - 120 tests/hour (fast continuous mode), 60 tests/hour (single-step, slow continuous mode)
- Built-in high speed, low noise thermal printer
- Standard RS-232 interface for data exchange & system software updation when connected with PC
- Store up to 1000 test results with date and time wise
- Flags for abnormal results



Notes

## NEW PARAMETERS (Coming Soon)

### Rapid Range



### ELISA Range

