



Partnering with Medical Professionals for Humanity

Medex Premium Lab

The Medex Premium Lab is the full service reference lab servicing multiple clinics and larger health care facilities. It is designed to offer a comprehensive menu of tests, with a daily patient capacity of 125 to 150.

Warranty: Medex Labs carry a two year warranty on all equipment as per our published warranty statement.

Medex Laboratories Ltd in collaboration with BioMedica Diagnostics Inc. have developed three of the **World's Number One** portable labs to assist Medical Professionals in emerging economies of the world and help with the prevention of many diseases.

Medical Professionals can choose from

1. **Medex Basic Lab** is the starter system offering the routine diagnostic menu suitable for smaller clinics with a daily patient load of 25 to 40.
2. **Medex Basic LabPlus** is the intermediate system offering an expanded diagnostic menu including Haematology. This is the laboratory of choice for most medium sized clinics and hospitals with a daily patient load of 50 to 75.
3. **Medex Premium Lab** is the full service reference lab servicing multiple clinics and larger health care facilities. It is designed to offer a comprehensive menu of tests, with a daily patient capacity of 125 to 150.

The **Medex Premium Lab** is a complete Medical laboratory system designed for high throughput. It is suitable for use as a full service reference laboratory, for multiple clinics and larger health care facilities.

This laboratory package offers a comprehensive menu of diagnostics entailing: **Routine Blood Chemistry, Coagulation Testing, Immunodiadnostics for infectious diseases, Haematology, Urinalysis and an automated clinical chemistry analyzer** enabling a higher throughput of samples.

It is designed to offer a comprehensive menu of tests, with a daily patient capacity of 125 to 150. (See complete menu on reverse.)

This complete package has easy to use portable instruments, diagnostic chemistries, labware and accessories packaged with installation, training and on-going technical support to establish a comprehensive near patient Medical laboratory.

Medex Labs are the most affordable alternative in modern laboratory medicine today.



www.medexlabs.ca

"The common phenomenon in most developing countries is the presence of lab equipment which is not usable or not used because it is not appropriate for the local needs, is improperly installed, or is defective at delivery. End users are often untrained in the equipment usage or maintenance..." World Health Organization.

Clinical Chemistry Reagents

A wide range of reagents to meet most of your common diagnostic testing needs in-house. Most reagents are liquid, stable and ready for use. Simple procedures for use are included.

Indicator Enzymes

Acid phosphatase (ACP)
Alkaline phosphatase (ALP)
Alanine aminotransferase (ALT)
Amylase (AMY)
Aspartate aminotransferase (AST)
Creatine kinase (CKN)
Gamma glutamyl transferase (GGT)
Lactate dehydrogenase (LDH)
Lipase (LIP)

Lipid Derivatives

Apolipoprotein A-1 (APA)
Apolipoprotein B (APB)
Cholesterol (CHO)
High density cholesterol (HDL)
Triglycerides (TRI)

Clinical Chemistry Reagents (Continued...)

Indicator Metabolites

Albumin (ALB)
Bilirubin (BIL)
Creatinine (CRT)
Glucose (GLU)
Hemoglobin (HEM)
Microalbumin (MIB)
Microprotein (MIP)
Protein, total (PRO)
Urea nitrogen (BUN)
Uric acid (URI)

Inorganic Electrolytes

Ammonia (AMN)
Calcium (CAL)
Carbon dioxide (CAR)
Chloride (CHL)
Iron (RIO)
Magnesium (MAG)
Phosphorus (PHO)
Potassium (POT)
Sodium (SOD)

QuikCoag™ Coagulation Reagents & Controls

Prothrombin Time (PT-HS)
Activated Partial Thromboplastin Time (APTT)
Clacium Chloride
Normal Plasma Control
Low Abnormal Plasma Control
High Abnormal Plasma Control

Immunodiagnosics

Infectious Diseases

Chagas disease
Chlamydia
Cholera
Cryptosporidiasis
Dengue fever
Epstein-Barr Virus (EBV)
Gonorrhoea
Helicobacter pylori
Hepatitis (HAV, HBV & HCV)
Hepatitis B Virus (Surface Ag)
HIV 1 & HIV 2
Infectious mononucleosis
Leishmaniasis
Malaria
Measles (rubella)
Mumps
Mycoplasmosis
Streptococcosis (Strep A)
Syphilis
Toxoplasmosis (IgG & IgM)
Tuberculosis
Typhoid fever

Cardiac Markers

Myoglobin
Troponin 1

Cancer Screening

Alpha-fetoprotein (AFP)
Antigen CA 12-5 - ovarian
Antigen CA 15-3 - breast
Antigen CA 19-9 - colon
Carcinoembryonic antigen (CEA)
Prostatic acid phosphatase (PAP)

Immunodiagnosics (Continued...)

Fertility / Hormones

Estradiol - fertility
FSH (urine) - fertility
hCG - pregnancy
LH - ovulation
Progesterone - fertility
Testosterone - fertility

Drugs of Abuse

Amphetamines
Barbiturates
Benzodiazepine (BZD)
Cocaine
Methadone
Methamphetamines
Morphine/Heroin/Opiates
Phencyclidine (PCP)
THC Cannabis

Other Tests

Blood Grouping
Occult Blood
IgE
Rheumatoid Factor
Thyroid-stimulating hormone (TSH)
Triiodothyronine (T3)
Thyroxine (T4)

Haematology

WBC
Lymph#
Lymph%
Mids#

Haematology (Continued...)

Mids%
Gran#
Gran%
WBC Histogram
RBC
Hgb
Hct
MCV
MCH
MCHC
RDW
MPV
PCT
PTW
Plt
Plt Histogram
RBC/Plt Histogram

Urinalysis

Strips for the rapid analysis of carbohydrate metabolism, kidney and liver function, acid-base balance and bacteriuria:
Glucose
pH
Proteins
Ketones
Blood
Bilirubin
Nitrites
Urobilinogen
Specific Gravity
Leukocytes

Medex Premium Lab

Blood Chemistry Analyzer (1)

Automated Chemistry Analyzer (1)

Plate Reader (1)

Blood Coagulometer, Four Channel (1)

Haematology Analyzer (1)

Clinical Centrifuges (3)

Microscopy Station (2)

Laptop (1)

Total Equipment

Pieces: 11

Consumables (2-4 month supply)

Blood Chemistry Reagents (34)

Blood Coagulation Reagents (6)

Hematology Reagent Package (8)

Latex Agglutination Package (10)

Immunodiagnostic Cartridges (21)

Urinalysis Test Strips (10)

Blood Typing Kits (4)

Microbiology/Parasitology (12)

Assay Types Approx. :105

Individual Assays or > 30,000

