





tech guide	Randox Biosciences	Randox Biosciences	Roche Diagnostics Corp
guide	Crumlin, UK +44 (0)28 9442 2413	Crumlin, UK +44 (0)28 9442 2413	Indianapolis (800) 428-5076
Microbiology Systems	www.randox.com	www.randox.com	usdiagnostics.roche.com
What is the brand name of your company's microbiology system?	Respiratory pathogen (RP) multi- plex array	Sexually transmitted infection (STI) multiplex array	Cobas C. diff assay for use on th Cobas 4800 system
 Specify the authorizing agency, type, and year of the product's regulatory authorizations. 	CE mark, 2016.	CE mark, 2013.	CE mark, 2013; FDA 510(k), 2015
3. What is the intended use or primary function of the product?	In vitro diagnostic using a multiplex polymerase chain reaction (PCR)- based blochip array; simultaneous detection of 22 viral and bacterial infections of the upper and lower respiratory tracts.	In vitro diagnostic using a multi- plex polymerase chain reaction (PCR)-based blochip array; simulta- neous detection of 10 STIs from a single patient sample.	An automated, qualitative in vitro diagnostic test for the direct detection of the toxin B gene of toxigenic Clostridium difficile (C. difficile).
4. What types of specimen/ sample does the product employ?	Bronchoalveolar lavage, nasopha- ryngeal swab, saliva, and sputum.	Urine and urogenital swab.	Unformed (liquid or soft) stool specimens obtained from patient suspected of having C. difficile infection.
 What types of diseases, conditions, or analytes does the system detect? 	Respiratory pathogen (viral and bacterial) nucleic acid targets.	STI (viral and bacterial) nucleic acid targets.	C. difficile
Which methodology or clinical standard of care does the product use?	Biochip microarray-based approach using simple chemiluminescent chemistries similar to enzyme- linked immunosorbent assay.	Biochip microarray-based approach using simple chemiluminescent chemistries similar to enzyme- linked immunosorbent assay.	Real-time polymerase chain reac tion testing.
7. What are the product's maximum specimen capacity and throughput under ideal conditions?	A maximum of 54 multiplex tests in a single El imaging run.	A maximum of 54 multiplex tests in a single El imaging run.	The instrument can run up to 96 tests at a time (94 samples and controls) in under 4 hours.
8. Briefly describe any automation or connectivity features or options that pertain to the product.	Multiplex PCR reactions performed on separate thermal cycler, ampli- con hybridization and conjugation steps automated using El analyzer package thermoshakers.	Biochip array chemilumines- cent signatures are automati- cally detected by charged-coupled device camera on the El platform and reported in approximately 3 minutes.	Simplified sample preanalytics; automated sample preparation; automated amplification and detection; laboratory information system connectivity; ability to parallel process multiple analyte (MRSA/MSSA, C. difficile, herpes simplex virus 1 and 2).
What is the typical training time for the product?	3 days to complete Randox accredited standards.	3 days to complete Randox accredited standards.	n/a
10. What types of technical support are available?	Remote diagnostics available glob- ally; gold, silver, and bronze service packages include annual preventive maintenance visits.	Remote diagnostics available glob- ally; gold, silver, and bronze service packages include annual preven- tive maintenance visits.	Directly through Roche Diagnostics.
What capabilities, features, or accessories distinguish this product from others on the market?	Simultaneous detection of routine and frequently requested bacterial and viral infections; El allows throughput flexibility; 3-54 tests (1188 results) in a single run; multiple protocol stop points to harmonize with laboratory workflow; El performs protein and nucleic acid multiplex tests; suitable for a multi-disciplinary pathology laboratory.	A comprehensive biochip-based test, including primary, secondary, and asymptomatic coinfections for a complete sexual health profile; simple, easy-to-interpret, and fully traceable result report with zero posttest data analysis.	Flexibility to adapt to variable te ing volumes while maintaining o mal workflow and cost efficiency broad strain coverage validation for detection confidence.



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pregnancies by gynecologist and obstetrician to know the position of the baby and his heartbeat and another condition. The simplest incubators are the boxes that are isolated with a heater that can be adjusted whose temperature rises to 140 to 150 °F. There are many models that contain urine strip readers, a type of reflectance photomette that You can process several hundred strips per hour. The radiograph of the computer is the replacement of a conventional x-ray to a digital and also offers great advantages. The immunoassay analyzer can perform several tests that include cancer markers, diagnosing infectious diseases, cardiac analysis, the therapy monitoring of drugs and allergy tests. The incubator and incubator is a team in a laboratory that is used to grow and maintain microbiological crops or cell cultures. The immunoassay analyzers, are some of the most expensive of the laboratory diagnostic equipment. A cardiac ultrasound, also known as ECG, uses standard ultrasound techniques for two-dimensional ropeable heart images. X-ray machine A X-ray machine is any machine that involves the use of X-rays in images. The brands available are Diamond, J.S. Medicine, Hycel, Destro, Sensa Core, Erba, I-SENS I-SMART 30 PRO and others. Blood and other liquids that are measured are used for the diagnosis of the disease. After the exposure, the computerized radiograph cassette is executed of a CRC reader in which the image is scanned in a digital format. Calculated radiography cassettes use photographic luminescence screens to capture the X-ray image, instead of an antique ancient X-ray type The X-ray portable machine is available in different ranges, such as 20 mA, 60 mA Y100MA. In general, they can be operated from 50 to 300 °C, to control the temperature using a thermostat. While an immunoassay analyzer is chosen, it is very necessary to consider the types of reagents needed for various types of tests. Elisaà ¢ represents the enzyme enzyme immunosorbent assay. There is also a space full of air in help isolation. Therefore, a medical diagnostic center or installation needs images of images such as X-rays, system, ultrasound, ct, mRi, bone densitomer, mammogram, etc. Read the following blog "A, / top-8-medical-diagnostic-center-configuration: Request / in search of a list of laboratory equipment along with the cost of planning and budget for purposes? The automation of this test has reduced the time of day-to-hour analysis. The available brands are Aloka Prosound Alpha 6 LT, Logiq P3 Pro, BPL E-Cube 7, GE Logiq C-5, Konika, Medison, Mindray DC-7, Philips HD15, Siemens Auson X-300, Skanray Surabi, Sonsorscape, Toshiba Nemio XG and others. The most basic diagnostic laboratory equipment: CEO counter brands available They are Abbott, Horiba Yumizen H 500, Pentra MSCRP, Biosystems, Hycel, Rayto, Maccu, Mindray and others. The available marks are Apollo, AvilaB, Rotek and others. Hematology analyzer © Lulas and Bio-Chemics are the most basic diagnostic laboratory equipment required, since the cellar count S Blood and the profile of the blood are the most commonly written tests. The electrolytes are measured using selective electrolytes. osteoporosis. Mammoth Mask Mammoth is a specialized medical image that uses a low dose X-ray system to see inside the breasts. Densitometry, also called dual-energy. Dual-Energía. The absorption or dexa, uses a small ionizing radiation to obtain the images from inside the body, which is generally the lower spine and hips to measure the bone loss. It consists of an X-ray generator and an X-ray detector. Blood gas analyzer is used to verify the acid base balance for people who have heart failure or renal, a severe dream problem, uncontrolled diabetes or An overdose of drugs. It has an air circulation fan that distributes evenly the heat. The urine analyzer analyzer bilirubins, protein, glucose and red blood cells. Apart from the imaging equipment of basic clinical laboratory images, such as maquin / blood gas analyzer, electrolyte analyze exam, called mammography, AIDS on the early detection and diagnosis of breast diseases in women. X-rays are the electromagnetic radiation that penetrates the structures inside the body and creates images of these structures in the film or a fluorescent screen. The hot air oven has a double wall insulation that keeps the heat and preserves the energy, the internal layer is a poor conductor and an outer layer that is metallically. The third part is the rod test in which detects the change of the strip. The Elisa reader reads the plate. Therefore, these images are called x-rays. There are three different ways in which the urine can be analyzed. Today in day, all diagnostic facilities are looking for digitizing x-ray and, therefore, A CR system. Laboratory incubators give a controlled and contamination-free environment for safe and reliable work with cell cultures and tissues by specific conditions, such as temperature, humidity and CO2. Random sampling and continuous access sampling are in two ways in which an immunoassay analyzer can a sample. The CBC can be used to detect a wide range of pathological states, including anemia, infection, hemophilia, blood coagulation disorders and leukemia, as well as to monitor the patient who is experiencing chemotherapy. The available brands are thermofisher Scientific Wellwash 1 * 8 and 1 * 12, Bietek Instruments TS Washer, Titerteth Berthold Zoom HT, ID 3090, Edutek ETA-34 and other immunoassay analyzer is used an immunoassay analyzer in hospital configuration and laboratories for Perform biochemical tests. automatically. The available brands are Biomeriux Mini Vidas, Beckmen Coulter Access 2, Diaorin Liaison, Boditech Ichroma and others. The laptop ultrasound machine is easy to use the media. There are equipped with adjustable wire plated trays and have an on and off switch and indicators also for temperature and waiting time. Centrifuge Aà & Laboratory Centrifugeà & is a motor-driven equipment rotating high-speed liquid samples. The reader / Microplate ELISA reader also known as "microplate equipment that are used to detect biological, chemical or physical events of samples in microtiter plates. Hematology analyzers They are automated systems that tell the leukocytes, red blood cells and platelets in the blood, and also verify the level of hemoglobin and hematocrit in the blood. A complete blood count is usually the test primely requested by the medical Evaluate the patient's health. We offer all kinds of laboratory equipment and images that include machines used / reformed. If computerized x-ray is used, the system "Take X-ray exhibitions as usual, but use a specific cassette for CR instead of a traditional film cassette. Also known mastography is the process of using low energy x-rays to examine the human breast for purposes of diagnosis. Ensure enough market for these these If you are going to spend a lot. Hot air oven Bio Safety cabinet Hot air furnaces are electrical equipment that sterilize with dry heat. Contact us to get a list of equipment required for a medium / large diagnostic laboratory with cost estimates @ Solo RS 500. Contact us at +918971223957 or +917019759765 for all your needs related to your MÃ © DICO. A more detailed list of equipment and cost estimates can be found below, click on the next button. The Diagnostics Center or the Installation needs E-LORA record with AERB and licenses to operate X-ray machines or any radiology equipment. Second, the microscopic examination is carried out to detect small bacteria that can be seen through naked eyes, the microscope can find RBC, WBC, crystals that can be a ridicum stone. The ultrasound can also help the medical to detect the role of the heartvula. Patients who are already suffering from cardiac problems can verify the pumping of the heart and the strong thing that is. These machines are also available at high frequency. A diagnostic center / typical configuration generally includes clinical laboratory equipment and images. Available brands are AGFA CR 3.5 0x, Allegers 100 MA X-Ray, HF Mars 15 to 80 Fixed X-ray, Mars Series 3.5 / 6 / 6R, BPL, GE HF Advance 300 MA, Siemens Heliophos D, Fuji Film FCR PROFECT, Konika Regius 190 CR System, Regius 110 Cr System, Shimadzu, Skanray Skanmobile, Stallion and others. By being radiología teams, both bone desitometry and mammography are radiology equipment and require AERB approval through e-Lora. This is used to measure the pH level, acidity or infection of the urinary tract. The goal is to get information about the of a patient for diagnosis, treatment and prevention of the disease. A medical laboratory or clinical laboratory to perform automatic urine tests. Samples are subjected to several types of immunoassay tests for microparticle enzyme, ion capture, fluorescence polarization and chemiluminescence. We also witnessed repair and maintenance services at www.primedeq.com. The urine test is also carried out to confirm pregnancy. It helps to find the disease if it is in the early stages that includes kidney disease, hepatic disease, diabetes, etc. The available brands are Siemens, Roche Urisys 1100, Cobas 6500, Robonik Uricha, Transasia Erba Lauram, Hycel HY-URI 600, Rato RT -150, Biobase UA-200, ã, Contec BC-401, BC-400 and others. O Call us at +917019759765 A basic diagnosis usually requires at least the following equipment: ABG diagnostic laboratory equipment machine / gas analyzer Gas grace analyzes that is also known as Analysis of blood blood gas, is a test in which the amounts of oxygen and carbon. The dixture as well as the acidity (pH) of the blood is measured. $\tilde{A} \notin \tilde{A} \in \tilde{A} \notin \tilde{A} \in \tilde{A} \notin \tilde{A} \in \tilde{A} \notin \tilde{A}$ $\hat{\mathbf{a}} \in \hat{\mathbf{a}} \in \hat{\mathbf{m}} = \hat{\mathbf{a}} \in \hat{\mathbf{m}} = \hat{\mathbf{a}} \in \hat{\mathbf{m}} = \hat{\mathbf{a}} \in \hat{\mathbf{m}} = \hat{\mathbf{a}} \in \hat{\mathbf{$ samples, serum or urine. It is an advantage, it allows the digital image along the tradition, the diagnostic laboratory equipment if your scope includes modalities In addition, the diagnostic laboratory equipment if your scope includes modalities and ultrasound are the most basic requirements in the image. The available brands are Siemens Mammomat Select, Philips Microdose Si, GE Senographe Crystal, Amico, Hologic, Planmed, BMI, Allengers Mammo Venus and others. The analysis of urine can also be the part of general general checking routine. First, it is the visual examination in which the urine is analyzed by its color and its clarity. A CR system stores images in the computer system. The available brands are bionic scientists, Remi, Innolab India, Labline, Oracle and others. Patients who suspect cardiac problems can be detected through the ultrasound machine. If the range is more extensive to include histopathogy, cytology, etc. If a patient arrives with the symptoms of a problem of the kidney or urinary tract, the analysis of the urine is performed to discover the problem. Biochemics analyzer and other features in a series of biological samples with minimal human assistance. Laboratory incubators are used for storage and growth of bacterial cultures. It is also used to evaluate the bone density, the risk of fracture, metabolic health or the available brands are Biosystem, Elitech, Robonik, Abbott, Horiba, Thermo Scientific, Diays, Hycel, Rero, Biobase and others. The main objective of mammography is to detect breast cancer to the first. Ultrasound is the most famous images from internal structures, for example, bones of a patient. In summary, it is an antibody test or a test for immune response to things that attack the body, such as virus, bacteria and allegments. Immunodiagnotic equipment will be required. A centrifugal is used for the separation of fluids, gas or liquid, based on density. The It is achieved by turning a containing high-speed material; The centrifugal force pushes more heavy materials â €

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