ALHAYAH LAB



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Hormone

- Fully automated, immunoassay analyzer for random access processing of ECL-based immunoassays.
- N/A, programming-by-loading (PBT) concept, application data are transferred without operator intervention from the 2D barcode of the reagent pack (RP) into the instrument database
- Self contained bench top analyzer comprising an analytical unit and a customized user interface











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Hematology

5-part differential haematology analyser with fluorescence technology for small workloads

- Hematology System utilizes the power of fluorescent flow cytometry and hydrodynamic focusing technologies. Using a unique, state-of-the-art, diode laser bench, Sysmex fluorescent flow cytometry provides the sensitivity needed for measuring and differentiating cell types in both whole blood and body fluid samples. Fluorescent technology and hydrodynamic focusing enable the XE-2100 to consistently classify normal WBC, RBC and PLT populations from abnormal populations, thereby decreasing the number of manual interventions





HBA1C

Method: ion exchange chromatography with HPLC prin





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Chemistry

Detection methods - Clinical Chemistry: Photometric Immunoassay: Electrochemiluminescence (ECL)



PCR

Real-Time PCR System is a gene quantification and genotyping platform in 24-well block format. Using PikoReal Software, the system is applicable to absolute quantification, relative quantification, melt curve analysis, high resolution melt analysis, and allelic discrimination. The PikoReal Real-Time PCR System is fast, fulfills high-level requirements of temperature uniformity over the wells and creates significant savings in reagent, plastic material and energy consumption.







