

## ChemiDoc MP imaging system Instrument

Imaging systems detect images and quantitate colorimetric, chemiluminescent, fluorescent, and radio isotopic signals.

There are a software that provides automation for image acquisition with data analysis and Validation. Refer to the guide below to select the imaging system best suited for your applications.



## Real-time PCR system

- The system is designed for a variety of quantitative PCR (qPCR) and genotyping applications.
- The system provides the sensitivity to detect a single copy of starting genetic material.
- The System combines all of the qPCR features you want in a single high performance instrument, so that you can optimize your research productivity. With a simplified workflow, intuitive software, touch-screen interface, and one-button protocols for error minimization.

[Clab.ksu.edu.sa](http://Clab.ksu.edu.sa)

[clab@ksu.edu.sa](mailto:clab@ksu.edu.sa)

**Tissue Culture Lab**

Ground Floor  
Lab No.9  
Building: 13

## Central Laboratory And Prince Naif Health Research Center

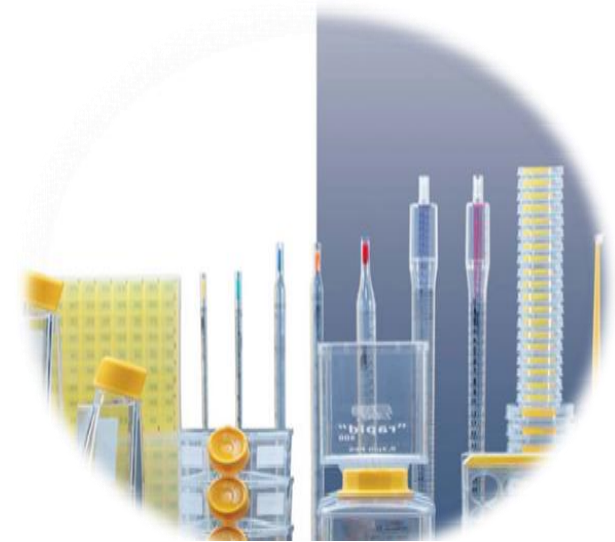
Medical Studies and  
Scientific Sections

**Tissue Culture Unit**



## Tissue Culture

A method of biological research in which fragments of tissue from an animal or plant are transferred to an artificial environment in which they can continue to survive and function.



## Luminex (xMAP Technology)



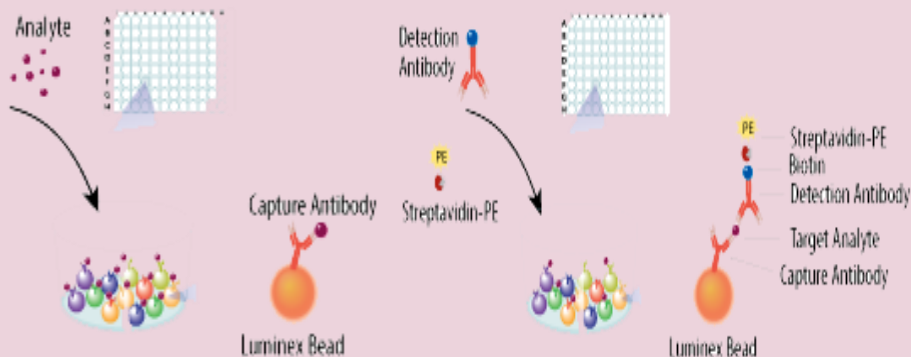
Luminex xMAP Technology enables large numbers of biological tests to be conducted and analyzed quickly, cost-effectively and accurately.

Multiplexing allows detection & measurement of many analytes in a single sample, which is particularly useful when analyzing serum, CSF, secretions, or other physiological samples.

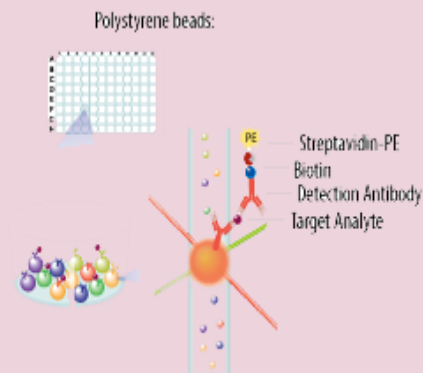
### Sample Types

Culture supernatant, Serum, Plasma, Tissue lysates, Urine, Blood spots, Gingival Cervical Fluid, Nasal Lavage Fluid, Tears, Cerebral Spinal Fluid, Broncho-Alveolar Fluid, Saliva and Vaginal Secretions.

### Step 1



### Step 2



### Step 3

