



المعمل المركزي بكلية الصيدلة – جامعة بني سويف



Shaker Incubator

EGP 50/ Flask/ Day

- › Model : REMI
- › Country of Origin: India

› Applications:

- Biotechnology application like biodegradation and Fermentation.
- Molecular biology applications.



-80 Cooling Refrigerator

EGP 250/ month for plastic boxes provided by the lab



- › **Model:** ALS (Angelantoni Life Science)
- › **Country of Origin:** Italy

› Applications:

- Long term storage of microbial strains and biological samples
- Long term storage for DNA and molecular biology enzymes.

Gel Electrophoresis system

EGP 150/ Plate



- › Model: Labnet
- › Country of Origin: USA

› Applications:

- Detection of the PCR products.
- Detection of the peptides and proteins.
- Molecular biology applications.

Horizontal Laminar Flow Cabinet

EGP 25/ Hour



- › Model: Bioair
- › Country of Origin: Italy

› Applications:

- Used as sterile area for cultivation and isolation of different microbial strains

اولا: وحدة الميكروبيولوجي

ELISA auto reader

EGP 50/ Plate

- › Model: Sunrise, Tecan
- › Country of Origin: Austria

› Applications:

- Measuring antibody tests.
- Protein and enzyme assays.
- Quantification of nucleic acids.

PCR (Polymerase Chain Reaction) EGP40/ Sample



- › Model: Labnet multigene
- › Country of Origin: USA

› Applications:

Preparation of DNA products for:

- 1- Gene detection
- 2- DNA Cloning
- 3- DNA Sequencing



المعمل المركزي بكلية الصيدلة – جامعة بني سويف



Cooling centrifuge

EGP 80 / hour



- › Model: Sigma, 30.000rpm
- › Country of Origin: Germany

Applications:

Centrifugation of biological samples specially DNA and proteins

Spectrophotometer

EGP 10/ sample or 50/ hour



- › Model- UV-160 1PC Shimadzu

Applications:

Used to detect conjugated systems in organic compounds, and their quantitative determination

ثالثا: وحدة الفصل الكروماتوجرافي

High Pressure Liquid Chromatography

Preparative HPLC: EGP 150 / hour

Analytical HPLC: EGP 400/ day



- › Model: Agilent 1260 system
- › Country of Origin: Germany

Applications:

- Separation of individual compounds found in mixtures of natural or synthetic origin
- Analyzing individual compounds using included Photo Diode Array and Electron Light Scattering Detectors

Plant Extraction service

If you want to prepare a plant extract for your research contact us @
ahlam_hasham2000@yahoo.com

ثانيا: وحدة الرنين النووي المغناطيسي

Nuclear Magnetic Resonance

- › Model: 400 MHz Bruker Biospin NMR
- › Country of Origin: Switzerland

Applications:

- Structure elucidation of organic compounds from natural or synthetic origin
- Analyzing ^1H , ^{13}C , ^{15}N in their compounds
- performing 1D and 2D experiments

Application fields:

Analytical Chemistry, Pharmaceuticals, Biomolecular research, Natural products, Metabolomics, Structure-Elucidation



For price list contact us @
nmr.pharm.bsu@gmail.com