Media / buffer price list

Item	Package size	Unit cost (US$)
Alsevers Solution	500 ml	$ 2.7
Sterile Milli – Q Grade Water	1000 ml	$ 0.9
Dulbecco's PBS	1000 ml	$ 3.1
Tris Ammonium Chloride	100 ml	$ 3.1
Trypsin EDTA	100 ml	$ 30.2
Tris – EDTA buffer	100 ml	$ 2.02
2XYT Broth	500 ml	$ 10.23
2XYT Broth	50 ml	$ 3.40
2XYT H Plates	Squared	$ 3.10
Dulbecco's MEM	500 ml	$ 9.40
Eagle's MEM + Hanks	500 ml	$ 11.31
Iscoves Medium	500 ml	$ 16.78
PSG Rat	1000 ml	$ 3.24
RPMI 1640 + Hepes	500 ml	$ 10.37
RPMI 1640	500 ml	$ 10.08
L – Broth	50 ml	$ 3.40
NZYCM agar plate	Large Round	$ 3.10
NZYCM agar plate	Small Squared	$ 2.40
L – 15 Medium	500 ml	$ 27.22
Gentamicyn Sulphate	6 ml	$ 3.00
Pen Strep	6 ml	$ 0.90
L – Glutamine	6 ml	$ 0.90
TBE (10X)	10 liters	$ 383.04
Sodium Pyruvate	100 ml	$ 2.67
RNAzol	50 ml	$ 48.60

For special (custom) orders, please contact the Unit Coordinator, David Oyoo Ezra

Laboratory waste disposal

The Central Core unit is responsible for collecting and disposing of waste from all general laboratories and the BSL2 laboratory according to a *Laboratory Waste Management Plan.*

For further information please contact:

David Oyoo Ezra *(Unit Coordinator)*
d.ezra@cgiar.org

Staff:
Samuel Njoroge Kamau *(Technical Assistant)*
Paul Onyango *(Technical Assistant)*
Manasseh Mwaura *(Technical Assistant)*
Michael Ominde *(Lab cleaner)*
Leah Ragoi *(Lab cleaner)*
Samuel Kiarie *(Lab cleaner)*
Francis Gatehi *(Lab cleaner)*
Winnie Muoka *(Lab cleaner)*

BecA-ILRI Hub Central Core Unit

Central Core Unit

Glassware cleaning
Sterilization services
Culture media and buffers
Laboratory waste disposal

BecA-ILRI Hub

biosciences
eastern and central africa

mobilizing biosciences for Africa's development

The Central Core Unit was established as a centralized facility for the production of cell culture media, general buffers and pure water, and to provide glassware wash and sterilisation services. Most of our customers are within the BecA-ILRI Hub, but we also provide services to the region.

Our current services include:

- Glassware washing.
- Autoclaving and baking glassware for sterilization.
- Sterilisation services
- Stocks of all types of sterile glassware available
- Provision of sterile Milli–Q Grade water
- Preparation of cell culture media and buffers
- Custom media and buffer services
- Laboratory waste management
- Laboratory cleaning

Services

Glassware Services

The Central Core collects used glassware from laboratories at the BecA-ILRI Hub, and washes and sterilises the glassware. We also maintain a stock of all types of sterile laboratory glassware and pipettes

All glassware is either steam sterilized or dry heat baked according to requirements. Biological indicators and steam strips are used for each autoclave load. All glassware is carefully inspected prior to stocking in the Central Core glassware storage area.

Media & Buffers

The Central Core provides economically priced, high quality media and buffers. Our media preparation laboratory is equipped with two laminar flow hoods, a Millipore Elix 5 water purification system, and cold temperature (+4°C) storage areas.

Media and buffers are prepared in 1 to 100 litre batches using high quality reagents from Sigma – Aldrich. The Central Core produces agar plates, LB broth, various cell culture media, antibiotic solutions, buffers and balanced salt solutions.

All our products are prepared with 18 megohm-cm water purified by a Milli–Q water system.

Quality control consists of strict record keeping during the preparation of each batch of media, pH and osmolarity measurements, and routine inspection of sterilisation filters.

Filters used for media sterilization are composed of a prefilter plus a bi-layer of Millipore filters (0.22 plus 0.45 micron filters).

Sterility of all media is checked by incubating samples at room temperature and at 37°C for 14 days.

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