



**DEPARTMENT OF PHARMACOLOGY
UNIVERSITY OF HEALTH SCIENCES**

Khayaban-e-Jamia Punjab, Lahore 54600, Pakistan.
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Ref no.UHS/Pharma/22/27

Date: 21/03/2022

To

The In-charge Purchase Cell,
University of Health Sciences,
Lahore.

Subject: Technical Evaluation for Purchase of Lab Equipment of Pharmacology Department for the Year 2020-2021

Sr. No	Description and Specifications	HA Shah	World Wide	Scientific Technical Corporation	Pakistan Hospital	Ayyan Molecular Products	New Chemical Center
1	Automated Cell Counter with fluorescence channels <ul style="list-style-type: none">Automated Cell Counter with fluorescence capabilities (with at least with two interchangeable fluorescence channels that can easily be changed)Count cells in bright-field, dual fluorescence cell counterReport and measuring fluorescent protein expression, apoptosis, and cell viability using fluorescent reagents in 30-50 secondsTouch screen, equipped with	Qualified	Not Qualified (Fluorescence cubes are not quoted)	Qualified	Qualified	Not Qualified (Wi-Fi connectivity is missing, Fluorescence detection not mentioned.)	Not Quoted



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<p>fluorescence cellular assays, pre-dilution calculator, cell-splitting calculator, showing results in histogram, print report with cell counting results, save FCS (Flow Cytometry Standard) files, <u>WiFi</u>-enabled cloud connection.</p> <ul style="list-style-type: none">• With reusable slide (3 Units), Reusable Slide Holder (3 Units), Trypan Blue Stain (0.4%, 2x1 mL), Green/Red Viability Stain (100 assays), Blue Nuclear Stain (100 assays), Red Dead Cell Stain (100 assays)• Fluorescence Channels/light cubes including DAPI, GFP, YFP, RFP, Texas Red, Cy5, Cy7, with fluorescence light cube removal tool.• 100-240VAC, 50/60Hz						
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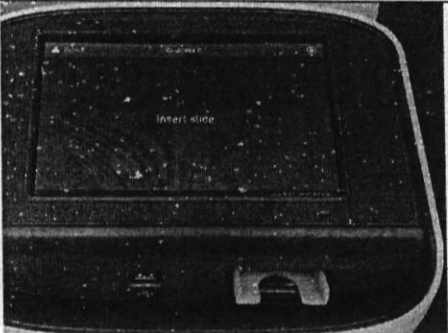
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2	<p>Electrical Resistance System epithelial voltohm-meter</p> <ul style="list-style-type: none"> • Fitted with chopstick electrodes. • Portable instrument that fits into laminar flow hoods. • Measurements do not compromise sterility or damage cells on the membrane, reliably measures membrane potential and resistance of epithelial cells in culture. • Accessories include a replacement (fixed) electrode set, adjustable electrode set and a specialized electrode set for use with 96 cell 	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Qualified