

### Summary Specification

BIL. SEBUTHARGA/QUOTATION REF.:	<u>UBD/Q/116/2024 (PAPRSBIHS) - [G]</u>
BIL. TAWARAN/TENDER REF. :	
TARIKH DIKLANKAN :	<u>23 Julai 2024 [Selasa]</u>
TARIKH TUTUP :	<u>06 Ogos 2024 [Selasa]</u> <span style="float: right;">JAM: 2 Petang</span>
DOCUMENT FEE :	
B\$ 10.00	

**IMPORTANT**

The Official PDF quotation/tender form will be send via email once UBD Official receipt issued and send to vendors/supplier for confirmation of payment received.

Mode of Payments > REFER IN UBD WEBSITE

Please take note that the document fee for each of the New and Extended quotations will be BND 10.00 each

**Important Note:** Please ensure that you provide the correct details when making the payment.

Please email proof of the above payment to [helpdesk.epay@ubd.edu.bn](mailto:helpdesk.epay@ubd.edu.bn) , [finance@ubd.edu.bn](mailto:finance@ubd.edu.bn), [eprocurement.support@ubd.edu.bn](mailto:eprocurement.support@ubd.edu.bn).

TITLE :		<u>TO SUPPLY AND DELIVER CHEMICALS AND REAGENTS FOR PHARMACY PROGRAMME PAPRSB IHS UBD</u>
No.	Quantity	SPECIFICATIONS
1	3 bottles	IPTG Specifications: biological source: synthetic Quality Level: 300 description: non-ionic Assay: ≥99% (TLC) form: powder technique(s): thin layer chromatography (TLC): suitable Weight: 10G
2	3 bottles	Kanamycin monosulfate Specifications: mixture of Kanamycin A (main component) and Kanamycin B and C form: powder or crystals potency: ≥750 units per mg (calculated with reference to dried substance) ign. residue: ≤0.5% (as SO4) loss: ≤1.5% loss on drying color: white to off-white Weight: 25g
3	4 vials	TVE Protease Specifications: biological source: microbial (Tobacco Etch virus) Quality Level: 200 recombinant: expressed in E. coli description: Contains both a histidine tag and a GST tag form: solution specific activity: ≥3,000 units/mg protein Weight: 1MG

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No.	Quantity	SPECIFICATIONS
4	2 boxes	Bolt 10% Bis Tris 1.0mm Mini Proten Gels Specifications: Unit size: 10 gels Well: 10 wells NW00100BOX or equivalent
5	2 boxes	Econo-Column® Chromatography Column, 5.0 x 50 Specifications Pkg of 1,glass chromatography column, cross-sectional area 19.63 cm <sup>2</sup> , for use in low-pressure chromatography Max. Vol., ml: 982 Inner diameter, cm: 5 Length, cm: 50 7371517 or equivalent
6	2 boxes	Econo-Column® Chromatography Columns, 1.5 x 15 cm Specifications Pkg of 2, glass chromatography column, cross-sectional area 1.77 cm <sup>2</sup> , for use in low-pressure chromatography Max. Vol., ml: 27 Inner diameter, cm: 1.5 Length, cm: 15 7371517 or equivalent
7	2 boxes	Poly-Prep® Chromatography Columns Specifications: Package Size: 50 9 cm high, 2 ml bed volume (0.8 x 4 cm), empty polypropylene column, 10 ml reservoir, includes end caps and tip closures 7311550 or equivalent
8	1 pack	Poly Column Rack Specifications: Pkg of 1, 20-place rack, with removable tube rack, for use with Econo-Pac® or Poly-Prep® Chromatography Columns 7317005 or equivalent

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No.	Quantity	SPECIFICATIONS
9	2 boxes	Econo-Column Funnels Specifications: Pkg of 5, 250 ml, funnels for packing columns, works with Econo-Column chromatography (up to 2.5 cm ID), Poly-Prep and Econo-Pac columns 7310003 or equivalent
10	2 boxes	2-way Stopcock Specifications: Pkg of 10, female luer to male luer fitting, compatible with Econo-Pac and Poly-Prep empty chromatography columns 7328102 or equivalent
11	1 box	RESOURCE™ Q columns Specifications: GE Healthcare Cytiva 17-1177-01 Pack of 1 mL ligand: quaternary ammonium description: Ion Exchanger Type (value)
12	1 box	RESOURCE™ S columns Specifications: GE Healthcare Cytiva 17-1178-01 pack of 1 mL ligand: sulfonate group description: Ion Exchanger Type (value)
13	1 box	Superdex® 200 10/300 GL Specifications: GE Healthcare Cytiva 17-5175-01, Column L × I.D. 30 cm × 10 mm, 13 µm avg. part. size material: borosilicate glass column and polypropylene filter
14	1 box	GMO Investigator Kit Specifications: Gel electrophoresis classroom study kit, includes positive control, InstaGene matrix, master mix, primers, dye, test tubes/holders, curriculum, and more, for 32 students. Catalog Number: (166-2500 EDU)

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No.	Quantity	SPECIFICATIONS
15	1 box	<p>Crime Scene Investigator PCR Basics Kit Plus Small DNA Electrophoresis</p> <p>Specifications:</p> <p>Crime Scene Investigator PCR Basics™ Kit is an introductory PCR classroom study kit. The kit includes materials sufficient for eight student workstations and up to 32 students:</p> <ul style="list-style-type: none"> <li>-Crime scene and suspect DNA samples, PCR master mix, primers, allele ladder, loading dye, test tubes/holders</li> <li>-Curriculum with Teacher's Guide, Student Manual, and graphical Quick Guide</li> <li>-Gel electrophoresis reagents to pour, run, and stain forty-eight 1% or sixteen 3% 7 x 10 cm agarose gels</li> </ul> <p>This product is for education use only.</p> <p>Catalog Number: (166-2650 EDU) or equivalent that is accepted by End User</p>
16	1 box	<p>Analysis of Precut Lambda DNA Kit</p> <p>Specifications:</p> <p>DNA gel electrophoresis classroom study kit, includes DNA standard and digests, buffers, agarose, Fast Blast DNA stain, test tubes/holders, curriculum, and more, for 32 students; education use only.</p> <p>Catalog Number: (166-0001EDU) or equivalent that is accepted by End User</p>
17	1 box	<p>PV92 PCR Informatics Kit</p> <p>Specifications:</p> <p>PCR classroom study kit, includes positive controls, PCR master mix, primers, extraction matrix, Fast Blast DNA stain, test tubes/holders, curriculum, and more, for 32 students.</p> <p>Catalog Number: (166-2100 EDU) or equivalent that is accepted by End User</p>
18	1 vial	<p>Dexamethasone</p> <p>Specifications:</p> <p>Cell Type: Hepatocyte Cells</p> <p>Concentration: 10 mM</p> <p>Form: Liquid</p> <p>Product Type: DMSO</p> <p>Without Additives: No Phenol Red</p> <p>For Use With (Application): Cell Culture</p> <p>Quantity: 50 µL or equivalent</p>

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No.	Quantity	SPECIFICATIONS
19	1 bottle	<p>Indomethacin</p> <p>Specifications:</p> <p>Melting point: 156°C to 165°C</p> <p>HPLC: &gt;=97.5 %</p> <p>Loss on drying: =&lt;0.5 % (100°C, 2 h, 5 mm Hg)</p> <p>Infrared spectrum: Conforms</p> <p>Appearance (Color): White to yellow to light beige</p> <p>Appearance (Form): Crystalline powder</p> <p>Appearance: May have a pink hue</p> <p>Weight: 100g or equivalent</p>
20	1 vial	<p>Lipopolysaccharide (LPS) Solution (500X)</p> <p>Specifications</p> <p>Cell Type: B cells, monocytes, macrophages and other cells that are responsive to LPS.</p> <p>Concentration: 500 X</p> <p>Form: Liquid</p> <p>Product Type: LPS Solution</p> <p>Sterility: Sterile</p> <p>Quantity: 100 µL or equivalent</p>
21	1 bottle	<p>Griess reagent (modified)</p> <p>Specifications:</p> <p>This reagent reacts with nitrite in samples to form a purple azo product, absorbance of which is measured at 546 nm</p> <p>Quality Level: 200</p> <p>usage: 10 g or equivalent</p>
22	1 bottle	<p>Sodium nitrite, 98%</p> <p>Specifications:</p> <p>Solubility: Soluble in water, methanol, ethanol, ammonia, nitric acid. Slightly soluble diethyl ether.</p> <p>Decomposes above 320°. Hygroscopic. Incompatible with reducing agents, strong oxidizing agents, organics, finely powdered metals.</p> <p>Weight: 1Kg or equivalent</p>
23	1 box	<p>Ferric Reducing Antioxidant Power (FRAP) Assay Kit</p> <p>Specifications:</p> <p>sufficient for 250 colorimetric tests</p> <p>Quality Level: 100</p> <p>application(s): cosmetics, food and beverages, pharmaceutical, detection method</p> <p>colorimetric: relevant disease(s)</p> <p>storage temp.: 2-8°C</p>

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No.	Quantity	SPECIFICATIONS
24	1 box	ABTS Solution Specifications: solution (ready-to-use), suitable for ELISA Quality Level: 100 usage: sufficient for 1,500-3,000 assays (ELISA) packaging: pkg of 3 × 100 mL technique(s): ELISA storage temp: 2-8°C
25	1 bottle	MTT Specifications Quality Level: 100 Assay: ≥98% (silver nitrate titration) form: powder storage temp.: 15-25°C Weight: 10g or equivalent
26	1 bottle	2,2-Di(4-tert-octylphenyl)-1-picrylhydrazyl, free radical Specifications form: solid Quality Level: 100 mp: 171 °C (dec.) (lit.) $\lambda_{max}$ : 531 nm storage temp: 2-8°C weight: 100mg or equivalent