

**BIL. SEBUTHARGA/QUOTATION REF: UBD/Q/067/2022 - [G]  
(PAPRSB IHS)**

**TITLE : TO SUPPLY DELIVER INSTALL AND PROVIDE TRAINING FOR 1 COMPLETE SET OF FLUOSKAN MICROPLATE FLUOROMETER AND LUMINOMETER WITH ONE DISPENSER FOR PHARMACY PROGRAMME OF PAPRSB INSITUTE OF HEALTH SCIENCES, UBD**

No.	Quantity	SPECIFICATIONS
1	1 complete Set	<p><b>To supply Deliver Install and provide training for 1 complete set of Fluoroskan Microplate Fluorometer and Luminometer with 1 Dispenser</b>            Fluoroskan Microplate Fluorometer and Luminometer is capable of reading a 96-well plate in just 18 seconds, essential for kinetic applications.            This microplate able to measure both parameters of visible spectrum fluorescence and also the amount of light produced.            This Microplate consists of both of Fluorometer and Luminometer in a single unit.</p> <p><b>Specification for the Fluomometer:</b>            Excitation wavelength range 320-700 nm            Emission wavelength range 360-670 nm            Excitation filters Up to 8 filters in the excitation filter wheel; 355 nm and 485 nm filters included as standard.            Emission filters Up to 6 filters in the emission filter wheel; 460 nm and 538 nm filters included as standard.            Sensitivity 2 fmol fluorescein/well in a black 96-well plate.            Dynamic range &gt;6 decades</p>
		<p><b>Specfication for the Luminometer :</b>  <b>Luminometric filters Up to 6 luminometric filters in the filter wheel.</b>  <b>Dispensing</b>            Number of dispensers : able to be used for 3 dispensers ( in future use, if needed)</p> <p><b>Number of dispensers needed in this quotation is ONE ONLY</b>            Dispensing volume 4-995 µl in 1 µl increments            Dispensing speed 30s, 96-well plate, 5 µl/well</p> <p><b>General features</b>            Plate types 6- to 384-well plates            Measurement speed : 18 s, 96-well plate 60 s, 384-well plate            Wavelength selection : Filters            Light source : Quartz-halogen lamp            Detector : Photomultiplier tube            Incubator : From ambient +3°C to 45°C, at ambient 25°C</p> <p>Plate shaking : Orbital            User interface : PC software (Skinit software)            Computer interface : USB 2.0            Dimensions (H x W x D)            340 x 420 x 420mm            14.4 x 16.5 x 16.5 in.            Basic unit 21 kg (46 lb)</p>

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SCIENCES, UBD**

No.	Quantity	SPECIFICATIONS
		<p><b>Training Details:</b> To provide on-site training of at least one (1) day for the functionality usage and basic maintenance of the equipment. All cost for training provision shall be borne by respective supplier.</p> <p><b>Documentation:</b> All documentation must be in English. Applicable operation and reference manuals are to be provided.</p> <p><b>Warranty:</b> Warranty duration must be at least ONE year from the date of completion of installation or commissioning. The warranty shall cover all of the items supplied.</p> <p><b>Import Duties and Other Costs:</b> Where applicable, the successful supplier shall bear all of the costs of relevant government duties, delivery, installation, testing and commissioning.</p> <p><b>After sales service:</b> The vendor should provide excellent services and maintenance after warranty has expired.</p>