DEPARTMENT OF ZOOLOGY
UNIVERSITY OF DELHI
DELHI – 110007. INDIA

Dr. Shibnath Mazumder   4. 02. 2016
 Professor

CALL FOR QUOTATION

Department of Zoology invites sealed tender offers from eligible manufacturers /authorized dealers /resellers for the supply of Microplate Scanning Spectrophotometer in the laboratory of undersigned in the Department of Zoology, University of Delhi,Delhi 110007.The vendors intending to bid may download the same from University website and submit their bid / tender undersigned within 21 days of publication of this call on the University website.

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Specification of Microplate scanning spectrophotometer ELISA Reader

Reads : 6-12, 24-, 48-, 96-, and 384 well plates.
Machine must be compatible with 48 samples of 2ul.
Detection method : Absorbance
Read Method : Endpoint, Kinetic, spectral scanning and well- area scanning.
Reading speed : 8 seconds (96 well).
Applications: Nucleic acid quantitation, Protein analysis, Spectral analysis, Colorimetric assays, EIAs/ELISAs, Drug dissolution profiles.
Wavelength range : 200-1000nm
Wavelength selection : Monochromator, selectable in 1 nm or grater increments.
Absorbance range: 0.000 to 4.000 OD.
Resolution : must be 0.0001OD
Shaking : Orbital, double orbital and linear
Temp. control : Ambient +4°C to not less then 65°C
Monochromator wavelength Accuracy: ± 2nm
Bandpass : 2.9 nm
Light Sources : Xenon Flash Lamp.
Pathlength Correction: Pathlength correction automatically normalizes well absorbance to standard cuvette equivalent pathlength of 1 cm for direct quantification.
Microplate Data Analysis Software. Reader control, advanced data analysis, Excel export Control through USB or serial port, software offers a logical interface designed to easily flow from reading parameters, to plate layout, to powerful data reduction , and finally to flexible data output options. The results of this intuitive design, including the exclusive Step Wis protocol and data reduction tools and the power of data reduction, will be evident in increased laboratory efficiency.

PC: i3 processor 4GB RAM, 500GB HDD, 18.5" TFT, Win8 Pro., ect., b/w laser printer, Ups.