



CORRIGENDUM
Selesih, the 16th December 2014

No. P-15(40)/CVSC/CAU/DBT-ADSAHD/2014/2132: In superstation to earlier tender notice No. P-15(40)/CVSC/CAU/DBT-ADSAHD/2014/2037 dated, the 6th December, 2014, it is notified that the equipment listed at Sl. No. 1: Multimode reader should be read as **Microplate Reader cum microliter volume (Nanodrop) spectrophotometer.** Further, the specification of the equipment is also changed. The new specifications of the equipment should be read as

Specifications:

UV-VIS Scanning Monochromator based 96 & 384 wells micro-plate reader with cuvette port and provision for spectrophotometry of 2 µl or less sample volumes using a module with the following specifications:

- Spectral Range 220-999nm in 1 nm increments or wider with path length correction using high energy Xenon flash lamp (one spare lamp to be provided)
- Accuracy: +/-1% or less at 0-2.0 OD, +/-2% at 2.0-2.5 OD
- Linearity: +/- 2% or less from 0 to 2.5 OD
- Precision: < 0.5% variation in repeatability at 0 - 2.0 OD, < 2% at >2.0 OD
- Read types: Endpoint, kinetic, spectral scanning and linear scanning, well scanning from top/bottom, 2µl volume absorbance measurements on microplate and/or cuvette module with hydrophobic sample retrievable micro-spots/ surface
- Read modes: Normal - multiple measurements can be taken on each well, with enhanced performance at optical densities > 2.0 OD
- Absorbance measurement range: × 0 - 3.0 OD
- Wavelength measurement range: 220 - 999 nm or wider grating with option for fixed wave length
- Minimum read speed:
- Normal - 96-well, <20 sec; 384-well: <30seconds
- Band pass: 5 nm or less
- Accuracy of the wavelength: +/- 2 nm.
- Repeatability of the wavelength: +/- 0.2 nm.
- On board incubation from ambient+5°C or less up to 42°C or higher with plate shaking facility
- UV-Vis absorbance measurement range of cuvette in up-right cuvette port (quartz/plastic) with up to 10 mm path length and volume as low as 70µl or less: 0-3.0 OD or higher, ±2 nm accuracy, ±0.5nm at 2.0OD.
- Absorbance based quantification of protein, RNA and DNA as low as 3nanogram/µl or less concentration in 2µl sample volume or less using microliter volume module
- Extensive onboard data analysis and storage for DNA/RNA quantitation and 260/280 ratio, ELISA, curve fitting options etc. using Windows 7/8 PC compatible software
- Two additional (paired) quartz cuvettes with cap besides two paired quartz cuvettes with cap as standard supply
- Dust protection cover
- Preferably with barcode reader and robotic compatibility
- Preferably bundled with ELISA plate washer for 96 and 384 micro-titer plates
- Windows 7/8 PC with ×2 USB ports, Core i5 or better with at least 8GB RAM and 500MB hard disk, speakers, remote mouse and keyboard, DVD RW multi drive; with CFR21 part 11 compliant software with multi-user platform & Multi-functional (3 in 1) laser printer along with online UPS (×1KVA, power factor ×0.8 viz. Emerson/APC) to completely support the system with at least 1 hour back up using external SMF leak-proof batteries.

Warranty & Pricing:

- Preferably 60 months comprehensive warranty with at least 24 months onsite for the instrument and all standard accessories with CE certification and RoHS compliance with assurance of spare parts for 120 months
- Price should be quoted FOR Selesih including all the handling and clearing charges and it is to be done by the supplier.

(D. Kathiresan)
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