

DEPARTMENT OF RHEUMATOLOGY

Technical Specifications: Line Immunoblot Assay

LAST DT. 31/01/2017 [Quotation to be submitted in soon No. 4677 by S. 20/1/17]

- Fully automated system - from sample identification to end of result
- Sample run: At least 8 samples per run
- System should perform identification, dilution of samples, all incubation and washing steps on its own.
- Final incubated strips should be automatically photographed and then evaluated by a software for precise results and can be connected to the laboratory or hospital information system for direct uploading and archiving of results.
- Instrument should use integrated barcode system for correct identification of samples to ensure reliable pipetting and to avoid any mixing up of the samples.
- Rocking shaker to be used during incubation.
- Instrument should aspirate the reagents by vacuum suction to prevent any carryover of the left out reagents.
- Quick drying of blot strips preferably in air stream.
- CCD camera and LED light system for interpretation of the results.
- Arrangements for acquisition and storage of photos of the strips for future reference and archiving.
- Facilities for naming of photos with work list and sample IDs.
- 5 years comprehensive warranty including spares and labor
- 5 years CMC after completions of warranty period (including spare & labor)
- Penalty clause as per standard
- The approximate cost of the instrument will be Rs 3,00,000/-

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