



**ALL INDIA INSTITUTE OF MEDICAL SCIENCES,  
JODHPUR**

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Admn/Prop/42/2021-AIIMS.JDH

Dated: -12<sup>th</sup> August 2021.

**Subject: Purchase of Automated Nucleic Acid Extraction System for the Department of Pathology at AIIMS, Jodhpur on proprietary basis-**

**Inviting comments thereon.**

The Institute is in the process to Automated Nucleic Acid Extraction System for the department of Pathology at AIIMS, Jodhpur from M/s Promega Biotech India Pvt. Ltd., Unit No. S-114, Salcon Aurum, Jasola District Centre, New Delhi- 110044, India on proprietary basis. The proposal submitted by M/s Promega Biotech India Pvt. Ltd., New Delhi and PAC certification by user are attached.

The above document are being uploaded for open information to submit objection, comments, if any from any manufacturer regarding proprietary nature of the equipment within 21days of issue giving reference Admn/Prop/42/2021-AIIMS.JDH. The comments should be received by office of Deputy Director (Admin), Medical College at AIIMS, Jodhpur on or before 02<sup>nd</sup> September 2021 upto 03:00 PM failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

**Deputy Director (Admin)**

**Enclosed: Related documents enclosed.**



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**Promega Biotech India Private Limited**  
Unit No S-114, Salcon Aurum, Jasola District Centre  
New Delhi - 110044, INDIA  
Tel : +91 43005815, 43005816, 43005817  
Fax : +91 41035028

Date : May 07<sup>th</sup>, 2021

To  
The Dean  
**All India Institute of Medical Sciences**  
Basni Industrial Area, MIA 2nd Phase,  
Basni, Jodhpur,  
Rajasthan - 342005

**Sub: Proprietary Certificate**

Dear Sir,

This is to certify that the Maxwell RSC System # Cat No. AS4500 are manufactured solely by Promega corporation USA and are Proprietary items of Promega Corporation.

Below are the proprietary articles of the system

- Maxwell RSC System use cartridges Pre-Filled with reagents and paramagnetic particles and does not use tips and liquid suction. Instrument does not involve any liquid transfer step to avoid sample cross contaminations.
- The Quantus Fluorometer for Nucleic Acid Quantification, supplied with the Maxwell® RSC, is fully integrated with Maxwell RSC Instrument and allows the quantification measurements of the extracted nucleic acid concentration values to be captured in the run report. Quantus Instrument is sensitive enough to detect 10pg / ul of DNA
- Maxwell RSC System can extract miRNA from Plasma, Serum & Tissue samples around 45 min and Circulating Cell Free DNA from plasma sample around 60 min.
- Maxwell RSC system has in-built UV lamp in decontamination of Instrument.
- Maxwell RSC system has the provision for heated elution with variable amount of elution buffer, 30-100 µl or better.
- Maxwell RSC System operate through Integrated Tablet PC System

Yours truly,

**For Promega Biotech India Private Limited**



Authorized Signatory

*[Handwritten signatures and initials]*

Registered Office: Vasaikar House, 296 Cadell Road, Dadar (W), Mumbai – 400028, Maharashtra, INDIA

Corporate Identity Number: U51102MH2013PTC248556



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## Specifications for Automated Nucleic Acid extraction system:

- An automatic system for extraction of contamination-free DNA and RNA from whole blood, cells, tissue, FFPE and circulating cfDNA and RNA from plasma and viral total nucleic acid (RNA and DNA) from serum, plasma etc using magnetic bead based chemistry.
- System should use pre-filled cartridges (containing reagents and paramagnetic particles).
- Should work in stand-alone mode and/or Tablet / PC controlled mode.
- Should be capable of processing 1-16 or more samples per run.
- Should not use tips and liquid suction. To prevent cross-contamination, system should not involve any liquid transfer step.
- Elution should be heated with provision of at least 30-100  $\mu$ l.
- High purity nucleic acid should be obtained which should be compatible with downstream applications like Sanger, NGS, arrays and digital PCR.
- Should have an integrated fluorometer for Nucleic acid quantification.
- Should have in-built UV sterilization.
- Should offer pre-programmed methods for the kits of different sample types.
- Equipped with bar code reader facility.
- Should have LCD/tablet display panel.
- Kindly submit quote for kits for 96 reactions for following sample types :
  - DNA extraction from whole Blood, Tissue, FFPE, CCF from plasma, buccal swab.
  - RNA extraction from Blood, Tissue, cells, FFPE.
  - miRNA Extraction Kit.
  - Viral Total nucleic acid purification kit.
- Quote the kits for integrated fluorometer for 2000 reactions.
  - dsDNA Quantification kit
  - ssDNA Quantification kit
  - RNA Quantification kit

Handwritten signatures and dates:

- Satish 28/07/2021
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