Rajasthan Medical Services Corporation Limited

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Ref. No.:- F.02(83)/RMSCL/S&S/RNA Extraction (Manual) Kit./NIB-15/2020/395 Dated: 21/10/2020

Corrigendum – II

Subject:- Amendment in Date/Specifications/Conditions

Ref.:- NIB No. F.02(83)/RMSCL/S&S/RNA Extraction (Manual) Kit./NIB-15/2020/354

Dated: 09.10.2020 (Technical bid opening due on dated –22.10.2020)

S. No	Existing date / technical specification	Amended date / technical specification
1.	F.02(83)/RMSCL/S&S/RNA Extraction (Manual) Kit. /NIB-15/2020/354 Dated:-09.10.2020 Last date and time of submission of online bids: 22.10.2020 at 3.00 PM EMD, Tender fees, RISL fees through challan and Physically: 22.10.2020 at 3.00 PM Date and time of opening of Online technical bids: 22.10.2020 at 04.00 PM	F.02(83)/RMSCL/S&S/ RNA Extraction (Manual) Kit. /NIB-15/2020/354 Dated:-09.10.2020 Last date and time of submission of online bids: 26.10.2020 at 3.00 PM EMD, Tender fees, RISL fees through challan and Physically: 26.10.2020 at 3.00 PM Date and time of opening of Online technical bids: 26.10.2020 at 04.00 PM
2.	LIST OF SPECIFICATION OF VIRAL RNA EXTRACTION (MANUAL) KITS • Kit should work with silica membrane column/magnetic bead-based technology ,should be optimized for use with biological fluids and cell-free samples such as serum,plasma, swabs and cell culture medium allowing extraction of Viral RNA from these samples. • The Viral Extracted using this kit should be used for downsteam application like PCR,qPCR, Real time PCR • The Process of extraction using the kit should be either centrifugation/vacuum based/magnetic bead based. • Kit should extract Viral RNA clution volume between 40µl-80µl. • Carrier RNA Should be used in the kit to capture maximum amount of the Viral RNA from sample and carrier RNA should help viral RNA to escape from degradation by RNases. • Time per extraction should be 30-60 Min. • Yield of the Viral RNA should be>90% recovery. • The Elution buffer, should have necessary components to prevent microbial growth and contamination with RNAas. • The extraction kit should be able to work on manualPerfor. Each kit should come with enough magnetic stands to process at least 48 samples at a time. Firm to quote accessories required to perform the test. • The Batch of every kit will be validated as per the guidelines of ICMR. Extraction of Viral RNA from (20) SARS-CoV-2 positive and ten(10) SARS-CoV-2	LIST OF SPECIFICATION OF VIRAL RNA EXTRACTION (MANUAL) KITS • Kit should work with silica membrane column/magnetic bead-based technology ,should be optimized for use with biological fluids and cell-free samples such as serum,plasma, swabs and cell culture medium allowing extraction of Viral RNA from these samples. • The Viral Extracted using this kit should be used for downsteam application like PCR,qPCR, Real time PCR • The Process of extraction using the kit should be either centrifugation/vacuum based/magnetic bead based. • Kit should extract Viral RNA clution volume between 40µl-80µl. • Carrier RNA Should be used in the kit to capture maximum amount of the Viral RNA from sample and carrier RNA should help viral RNA to escape from degradation by RNases. • Time per extraction should be 30-60 Min. • Yield of the Viral RNA should be>90% recovery. • The Elution buffer, should have necessary components to prevent microbial growth and contamination with RNAas. • The extraction kit should be able to work on manualPerfor. Each kit should come with enough magnetic stands to process at least 48 samples at a time. Firm to quote accessories required to perform the test. • The Batch of every kit will be validated as per the guidelines of ICMR. Extraction of Viral RNA from (20) SARS-CoV-2 positive and ten(10) SARS-CoV-2

S. No	Existing date / technical specification	Amended date / technical specification
	negative samples according to the manufacturer's instruction. • Testing of extracted RNA by targeting SARS-CoV-2 genes along with human RNAseP or any other human housekeeping gene as an internal control (IC) in real time PCR to assess overall RNA extraction efficiency and consistency. • The kit performance would be considered satisfactory if atleast 95% concordance among positive samples and atleast 90% concordance among negative samples. • More than 95% samples showed amplification in internal control. • Validation of kits can be done in the presence of expert from company.	negative samples according to the manufacturer's instruction. • Testing of extracted RNA by targeting SARS-CoV-2 genes along with human RNAseP or any other human housekeeping gene as an internal control (IC) in real time PCR to assess overall RNA extraction efficiency and consistency. • The kit performance would be considered satisfactory if atleast 95% concordance among positive samples and atleast 90% concordance among negative samples. • More than 95% samples showed amplification in internal control. • Validation of kits can be done in the presence of expert from company. • **Magnetic Stands should be in such number so that 96 Samples can be processed in one Run.**

Note:-

- **It may be noted that if any further amendments are issued then a corrigendum will be published and informed.**
- **Rest of the terms and conditions will remain the same.**

(Shriniwas Meena)
Executive Director (Proc.)
RMSCL