

Indira Gandhi Medical College & Research Institute

(Government of Puducherry Institution)

Vazhudavur Road, Kathirkamam, Puducherry - 605 009 Ph :0413-2277545, Fax:0413-2277289

Email: puducherrymedicalcollege@gmail.com, Web: www.igmcricollege.com

No.38/IGMC&RI/Estt-Pur/A4/Micro-VRDL/2025-26 /3390

Puducherry, the 21 OCT 2026

Calling for Quotation

Sub: IGMC&RI - Purchase of Laboratory Consumables for the use of VRDL-Microbiology Department in IGMC&RI, Puducherry - Quotations Called for - Reg.

It is proposed to purchase Laboratory Consumables for VRDL-Microbiology Department of this institute under VRDL [ICMR/DHR] Fund. It is, therefore, requested to quote the lowest possible rate for the supply of following items. The **Hard Copy** of the quotation shall be submitted to the **Director, IGMC&RI, Puducherry on or before 05.11.2026.**

S. No	Item Descriptions	Pack Size	Qty Required
1	One-Step RT-PCR Kit	50 reactions/ pack	2 Kits
2	Viral Gastroenteritis Panel qRT PCR Kit	50 reactions/ pack	6 Kits
3	qRT-PCR Kit for Detection and Differentiation of Rotavirus A, Rotavirus B and Rotavirus C	50 reactions/ Pack	1 Kit
4	Oropouche Virus q Rt PCR Kit	50 reactions/ Pack	10 Kits
5	Viral Nucleic Acid Extraction Kit (Ultra-Sensitive) for Stool Sample	100 Preps/ Pack	3 Kits
(Specification enclosed)			

Terms and conditions:

1. **Price should be inclusive of all taxes.**
2. The rates once quoted and approved will be final and no revision in rates will be allowed
3. Supply should be made within 15 days at the risk of supplier without any deviation.
4. The quotation shall contain the GST Number, Contact Phone Number & E Mail I.D, etc.
5. The quotation cover should be properly sealed with postal address and superscribed "**Laboratory Consumables to the Department of VRDL Microbiology**".
6. The quotations received will be opened by 11.00 A.M on 06.11.2026.
7. The rate quoted to be valid for a period of one year.

// By Order //

Yours faithfully,

S. n. 21/10/26

ADMINISTRATIVE OFFICER

To:

The Programmer, IGMC&RI, Puducherry- with instruction to upload in our official Website and for compliance report.

Copy to:

1. The Medical Superintendent, IGMC&RI, Puducherry.
2. The Professor and PI-VRDL (Microbiology), IGMC&RI, Puducherry.
3. The Officer In-charge - Pharmacy, IGMC&RI, Puducherry.
4. Notice Board.



இந்திரா காந்தி மருத்துவ கல்லூரி மற்றும் ஆராய்ச்சி நிறுவனம்
INDIRA GANDHI MEDICAL COLLEGE & RESEARCH INSTITUTE

புதுச்சேரி அரசு நிறுவனம்/ Government of Puducherry Institution
கதிர்காமம், புதுச்சேரி - 605 009/ Kathirkamam, Puducherry - 605 009



நுண்ணுயிரியல் துறை/ Department of Microbiology

வைரஸ் ஆராய்ச்சி மற்றும் நோயறிதல் ஆய்வகம் (வி.ஆர்.டி.எல்) | ஐ.சி.எம்.ஆர்-டி.எச்.ஆர்

Virus Research and Diagnostic Laboratory (VRDL) | ICMR-DHR

இணையதள முகவரி/ Website URL: <https://igmcric.edu.in/> | மின்னஞ்சல் முகவரி / EMAIL ID: vrdl.igmc.py@gmail.com

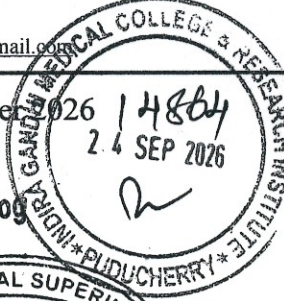
Ref No.: 48 /VRDL/MICRO/IGMCRI/IC/2026-27

Date: 21st September 2026

From

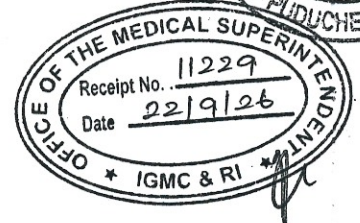
Dr. Srinivasan S
Professor and Head [PI- VRDL]
Department of Microbiology
IGMCRI, Pondicherry – 605 009

Admin / Acad / Acct / MS / Engg / Prog



To

The Medical Superintendent
IGMCRI, Puducherry – 605 009



Through proper channel

Sub: Call for Tender for Procurement of laboratory consumables under VRDL-ICMR
Fund- reg.

Sir,

With reference to the aforementioned subject, I hereby request that a tender may kindly be called for the procurement of laboratory consumables as detailed in Annexure-I, required for research and diagnostic purposes at the Virus Research & Diagnostic Laboratory (VRDL), IGMCRI.

The detailed technical specifications of the required items are provided in Annexure-II for necessary reference and further procurement action.

It is submitted that the items listed at S. Nos. 2 to 5 are not available on the Government e-Marketplace (GeM) portal. Hence, it is requested that a tender may kindly be invited for the procurement of these items, following the applicable procurement procedures and financial rules.
Fund Source: VRDL Fund – ICMR/DHR Scheme.

This is submitted for your kind perusal and necessary action. Kindly do the needful at the earliest.

Enclosures:

1. Annexure-I – List of Laboratory Consumables
2. Annexure-II – Technical Specifications

Thanking You

Yours Sincerely

[Signature]
Dr. Srinivasan. S

To
Director

Encl no: 11229 / IGMCRI / 150

A2 / 23.09.2026

[Signature]
22/9/26
MEDICAL SUPERINTENDENT
Indira Gandhi Medical College
& Research Institute
Puducherry - 605 009

Dr. SRINIVASAN SAMPATH, MD.,
Professor and Head
PI - VRDL
Department of Microbiology
Indira Gandhi Medical College & Research Institute
Puducherry - 605 009.



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Tender No. : Phase -I/ Consumable/VRDL/IGMCRI/2025

Tender No. :

Phase -II/ Consumable/VRDL/IGMCRI/2026

Notice Inviting Tender for Laboratory Consumable 2026-2027



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Tender No. : Phase -I/ Consumable/VRDL/IGMCRI/2025

Annexure-I

List of Laboratory Consumables Required

S. No.	Item Description	Pack Size	Technical Specification	Quantity Required
1.	One-Step RT-PCR Kit	50 reactions/pack	Refer Annexure-II	2 Kits
2.	Viral Gastroenteritis Panel qRT PCR Kit	50 reactions/pack	Refer Annexure-II	6 Kits
3.	qRT-PCR Kit for Detection and Differentiation of Rotavirus A, Rotavirus B and Rotavirus C	50 reactions/pack	Refer Annexure-II	1Kits
4.	Oropouche Virus q RT PCR Kit	50 reactions/pack	Refer Annexure-II	10 Kits
5.	Viral Nucleic Acid Extraction Kit (Ultra-Sensitive) for Stool Sample	100 preps /pack	Refer Annexure-II	3 Kit

[Handwritten Signature]

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Tender No. : Phase -I/ Consumable/VRDL/IGMCRI/2025

Annexure-II

Technical Specifications

1. OneStep RT-PCR Kit

- I. A high-sensitivity molecular biology kit designed for one-step reverse transcription PCR (RT-PCR) from RNA templates. Suitable for endpoint applications such as virus detection, gene expression analysis, and single-cell RT-PCR.
- II. Key Features: One-tube setup for reverse transcription [cDNA Synthesis] and PCR amplification, HotStarTaq DNA Polymerase for high specificity, Reverse Transcriptases for broad RNA input range (1 pg–2 µg), and wide annealing temperature range must be supported.
- III. Kit Composition : OneStep RT-PCR Enzyme Mix, 2 to 5× OneStep RT-PCR Buffer, dNTP Mix (10 mM each), and RNase-Free Water
- IV. Reaction Setup : Combine all components in a single tube, No additional reagents required post-initiation, Compatible with standard thermal cyclers
- V. Performance Parameters : High specificity and reproducibility, Efficient detection of low-copy RNA targets and Suitable for difficult templates (e.g., GC-rich regions)
- VI. Storage & Stability: Store at –20°C and Shelf-life: Minimum 12 months from date of manufacture
- VII. Quality & Compliance : Manufactured under ISO-certified conditions, Lot-specific Certificate of Analysis (CoA) provided and Free from RNase/DNase contamination

A. Srinivasan

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Tender No. : Phase -I/ Consumable/VRDL/IGMCRI/2025

2. Viral Gastroenteritis Multiplex Real-Time RT-PCR Kit

- I. The kit shall be intended for the qualitative molecular detection of viral pathogens causing gastroenteritis from appropriate human clinical specimens.
- II. The assay shall be based on multiplex real-time RT-PCR/qPCR technology and shall permit simultaneous detection of multiple viral gastroenteritis pathogens in a single reaction.
- III. The kit shall be capable of detecting, at minimum, the following viral targets:
 - a) Norovirus Genogroup I (GI)
 - b) Norovirus Genogroup II (GII)
 - c) Rotavirus [A-D and F-L]
 - d) Astrovirus
 - e) Sapovirus (I, II, IV, V) and
 - f) Adenovirus, including enteric adenovirus types associated with gastroenteritis (e.g., types 40/41).
- IV. The kit shall contain pre-formulated, ready-to-use PCR reagents required for the assay, including appropriate primers, probes and amplification reagents, wherever applicable.
- V. The kit shall include appropriate internal control [human housekeeping gene] to monitor nucleic acid extraction and/or amplification inhibition.
- VI. Appropriate positive and negative controls shall be provided with the kit for quality control of each assay run.
- VII. The assay shall be suitable for detection of viral nucleic acid from human stool specimens and, where validated by the manufacturer, other relevant clinical specimens.
- VIII. The kit shall provide qualitative results for individual viral targets, with clear differentiation of the pathogens detected.
- IX. The assay shall demonstrate high analytical sensitivity and specificity, with performance characteristics validated for the intended clinical application.
- X. The kit shall be compatible with commonly available open real-time PCR platforms, including instruments based on standard fluorescence detection channels, subject to instrument compatibility.
- XI. The kit shall include all necessary reagents and components required to perform the PCR assay, except commonly available laboratory consumables and nucleic acid extraction reagents, if applicable.

Dr. SRINIVASAN SAMPATH, MD.,
 Professor and Head
 PI - VRDL



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Tender No. : Phase -I/ Consumable/VRDL/IGMCRI/2025

- XII. The kit shall have appropriate regulatory/quality certification for in-vitro diagnostic use, as applicable to the manufacturer and intended market.
- XIII. The kit shall be supplied with a detailed Instructions for Use (IFU) containing specimen requirements, storage conditions, extraction requirements, PCR conditions, interpretation criteria, limitations and performance characteristics.
- XIV. The kit shall have a minimum remaining shelf life of 6 months from the date of supply, unless otherwise approved by the purchaser.
- XV. Pack size: Approximately 50 reactions per pack or equivalent, as specified in the tender requirement.
- XVI. Assay Type : One tube, one step qRT PCR
- XVII. Assay Timing : ≤ 90 mins
- XVIII. The kit shall be stored and transported under the manufacturer-recommended temperature conditions, with appropriate cold-chain maintenance where required.
- XIX. The supplier shall provide Certificate of Analysis (CoA)/Quality Certificate, lot number, manufacturing date and expiry date along with the supplied kits.
- XX. Downstream qPCR compatibility: Purified nucleic acids are suitable for use with commonly available real-time PCR systems, including: Bio-Rad CFX96, Applied Biosystems QuantStudio series, and QIAGEN QIAquant
- XXI. Compatible fluorescent dyes/reporters: FAM / SYBR Green, HEX / VIC, ROX / Texas Red, Cy5, Quasar 705 / equivalent far-red dyes, where supported by the instrument

XXII. SHIPMENT: Dry ice

[Signature]

Dr. SRINIVASAN SAMPATH, MD.,
Professor and Head
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DHR/ICMR
MoHFW, Govt. of India

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Tender No. : Phase -I/ Consumable/VRDL/IGMCRI/2025

3. qRT-PCR Kit for Detection and Differentiation of Rotavirus A, Rotavirus B and Rotavirus C

- I. Test Type: In-vitro diagnostic real-time PCR assay.
- II. Detection: Qualitative detection of Rotavirus A, Rotavirus B and Rotavirus C RNA.
- III. Technology: Real-Time Polymerase Chain Reaction (Real-Time PCR).
- IV. Specimen Type: Human stool specimens.
- V. Target: Rotavirus A, B and C.
- VI. Internal Control: Internal control shall be included to monitor the reliability of the complete testing process.
- VII. Limit of Detection (LoD): ≤ 5 copies/reaction.
- VIII. Template Input Volume: 5 μ L.
- IX. Assay Runtime: Approximately <90 minutes.
- X. Cross-Reactivity: No cross-reactivity with other pathogens.
- XI. Instrument Compatibility: Compatible with multiple mainstream real-time PCR instruments.
- XII. Result Interpretation: Automated result interpretation should be available where compatible with the corresponding real-time PCR system.
- XIII. Storage Temperature: $-20 \pm 5^\circ\text{C}$.
- XIV. Shelf Life: Minimum 12 months from the date of manufacture/supply.
- XV. Kit Format: Ready-to-use real-time PCR assay.
- XVI. Pack Size: 50 tests/kit.
- XVII. Regulatory Certification: CE-IVD/ FDA/ CDSCO certified if applicable.
- XVIII. Application: Molecular detection of Rotavirus A, B and C infection in human stool specimens.
- XIX. Multiplex Detection: The assay shall permit detection of Rotavirus A, B and C within the same testing workflow.
- XX. Intended Use: For research use for laboratory detection of Rotavirus A, B and C RNA.
- XXI. Assay Type : One tube, one step qRT PCR
- XXII. Assay Timing : ≤ 90 mins
- XXIII. Downstream qPCR compatibility: Purified nucleic acids are suitable for use with commonly available real-time PCR systems, including: Bio-Rad CFX96, Applied Biosystems QuantStudio series, and QIAGEN QIAquant

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Tender No. : Phase -I/ Consumable/VRDL/IGMCRI/2025

XXIV. Compatible fluorescent dyes/reporters: FAM / SYBR Green, HEX / VIC, ROX / Texas Red, Cy5, Quasar 705 / equivalent far-red dyes, where supported by the instrument

XXV. SHIPMENT: Dry ice

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Tender No. : Phase -I/ Consumable/VRDL/IGMCRI/2025

4. Oropouche Virus q RT PCR Kit

- i. Intended use: For qualitative detection of Oropouche Virus (OROV) RNA in clinical specimens by real-time RT-PCR
- ii. Assay type: Real-Time Reverse Transcription PCR (qRT-PCR)
- iii. Detection chemistry: Fluorogenic probe-based real-time PCR assay
- iv. Target: Oropouche Virus RNA
- v. Detection format: Qualitative molecular detection
- vi. Internal Control: Should include an Internal Control (IC) to monitor nucleic acid extraction and PCR inhibition
- vii. Positive Control: Should include Oropouche Virus-specific positive control
- viii. Negative Control: Should include negative control
- ix. Specimen types: Validated for serum, EDTA plasma and cerebrospinal fluid (CSF)
- x. Sample input: Approximately 5 µL purified RNA per PCR reaction, or as per manufacturer's validated protocol
- xi. Reaction volume: Approximately 20 µL final reaction volume, or manufacturer's validated volume
- xii. Fluorescence channels: FAM and/or HEX and/or VIC and/or ROX and/or Texas Red and/or Cy5
- xiii. Reverse transcription: Integrated one-step RT-PCR workflow preferred
- xiv. Amplification: Should be compatible with standard open-platform real-time PCR instruments
- xv. Cycling conditions: Should support reverse transcription, hot-start activation and amplification in accordance with the manufacturer's validated protocol
- xvi. Analytical sensitivity: Limit of Detection (LoD) ≤100 copies/mL or better
- xvii. Analytical specificity:
- xviii. ≥99%, as demonstrated by manufacturer validation data
- xix. Cross-reactivity: Should demonstrate no significant cross-reactivity with commonly encountered respiratory and blood-borne pathogens
- xx. Clinical performance: Manufacturer should provide clinical validation/comparative performance data
- xxi. Contamination control: Assay should include appropriate controls and be validated for prevention/detection of cross-contamination
- xxii. Kit format: Ready-to-use or optimized master-mix format suitable for routine diagnostic testing
- xxiii. Transport: Should permit shipment under validated temperature conditions; dry ice

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Department of Microbiology

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Tender No. : Phase -II/ Consumable



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INDIRA GANDHI MEDICAL COLLEGE & RESEARCH INSTITUTE

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டாக்டர். ஆவரஸ் ஆராய்ச்சி மற்றும் நோயறிதல் ஆய்வகம் (வி.ஆர்.டி.எல்) | ஐ.சி.எம்.ஆர்-டி.எல்.ஆர்

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Tender No. : Phase -I/ Consumable/VRDL/IGMCRI/2025

- xxiv. Freeze-thaw stability: Reagents should have documented freeze-thaw stability; critical reagents should preferably not exceed 3 freeze-thaw cycles
- xxv. Kit contents: Master Mix/Reagent Mix, enzyme/reagent component, Internal Control, Positive Control and Negative Control
- xxvi. Required equipment: Compatible with commonly used open real-time PCR platforms
- xxvii. Intended users: For professional use by trained laboratory personnel
- xxviii. Regulatory status: Manufacturer should provide applicable IVD regulatory/CE or equivalent documentation, as applicable
- xxix. Shelf life: Minimum 12 months from date of supply preferred
- xxx. Pack size: 50 tests per pack
- xxxi. Documentation: Complete IFU, Certificate of Analysis (CoA), lot number, expiry date and storage conditions should be supplied with each kit
- xxxii. Assay Type : One tube, one step qRT PCR
- xxxiii. Assay Timing : ≤ 90 mins
- xxxiv. Downstream qPCR compatibility: Purified nucleic acids are suitable for use with commonly available real-time PCR systems, including: Bio-Rad CFX96, Applied Biosystems QuantStudio series, and QIAGEN QIAquant
- xxxv. Compatible fluorescent dyes/reporters: FAM / SYBR Green, HEX / VIC, ROX / Texas Red, Cy5, Quasar 705 / equivalent far-red dyes, where supported by the instrument

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DHR/ICMR
Ministry of Health, Govt. of India

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Tender No. : Phase -I/ Consumable/VRDL/IGMCRI/2025

5. Viral Nucleic Acid Extraction Kit (Ultra-Sensitive) for Stool Sample

- i. Intended use : Upstream extraction and purification of viral DNA and RNA from clinical specimens for downstream molecular testing.
- ii. Application : Ultra-sensitive extraction of viral nucleic acids
- iii. Target nucleic acids : Viral DNA and viral RNA
- iv. Sample input volume : 200 µL
- v. Sample types : Stool specimens
- vi. Sample status : Fresh or frozen specimens
- vii. Target : Viral pathogens
- viii. Extraction capability : Simultaneous purification of viral DNA and RNA in a single workflow
- ix. Sensitivity : Ultra-sensitive extraction, particularly suitable for low viral-load specimens
- x. Extraction technology : Silica membrane-based purification
- xi. Format : Spin-column format
- xii. Workflow : Single-workflow extraction for both viral DNA and RNA
- xiii. Lysis system : Dedicated lysis buffer
- xiv. Carrier RNA : Included
- xv. Proteinase K : Included
- xvi. Purification : Column-based nucleic acid purification with sequential washing
- xvii. Elution : Purified nucleic acid recovered using elution buffer
- xviii. Purified product : High-quality, high-integrity viral DNA and/or RNA
- xix. Downstream applications: Real-time PCR and Other molecular diagnostic applications requiring purified nucleic acids
- xx. Workflow characteristics: Fast, convenient, consistent, and suitable for high-quality nucleic acid recovery
- xxi. Kit format : Ultra-sensitivity spin-column extraction system
- xxii. Kit capacity : 100 reactions
- xxiii. Kit components : Ultra spin columns, Collection tubes, Lysis buffer, Wash Buffer 1, Wash Buffer 2, Carrier RNA, Proteinase K, Elution buffer, PBS, User manual as required

[Signature]

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End of the Statement

Tender No. : Phase -II/ Consumable/VRDL/IGMCRI/2026

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