



भारतसरकार/Government of India
स्वास्थ्यऔरपरिवारकल्याणमंत्रालय/ Ministry of Health and Family Welfare
प्रधानमंत्रीस्वास्थ्यसुरक्षायोजना/PMSSY
अखिलभारतीयआयुर्विज्ञानसंस्थान/All India Institute of Medical Sciences
मंगलगिरि, आंध्रप्रदेश/Mangalagiri, Andhra Pradesh

www.aiimsmangalagiri.edu.in

File No.:AIIMSM-ADMN/PROC(CPPP)/47/2026-Procurement AIIMS MG,

Date:10-08-2026

Call for Objection

Subject: Inviting comments/objection, if any before declaring proprietary article for procurement of “FlouroMAT 50 An Automated Indirect Immunofluorescence processor” for the Department of Microbiology at AIIMS Mangalagiri.

Microbiology Department, AIIMS Mangalagiri has to procure “**FlouroMAT 50 An Automated Indirect Immunofluorescence processor**” through Proprietary Article basis.

The proposal submitted by M/s CPC Diagnostics Pvt. Ltd Located at #9 & 10, V Floor, Gokul Towers, Alwarpet, Chennai-18. The legal and sole manufacturer and distributor of the “**FlouroMAT 50 An Automated Indirect Immunofluorescence processor**”. The items are proprietary in nature.

The above documents are being uploaded for open information to submit objections, comments if any for any manufacturer/supplier before declaring proprietary article of the said equipment/items to be procured, within 10 days (i.e.20-08-2026) from the date of issuance/uploading of the notification.

The objection should be raised in the technical compliance sheet as enclosed in Annexure -I, if any Firm claiming suitability of their product with respect to specification mentioned.

The comment should be sent to the office of Procurement Cell, Room no: 2151, Logistic block at AIIMS Mangalagiri in a sealed envelope with above reference on or before 20-08-2026 up to 05:00 PM from the date of uploading on institutional website, failing which it will be presumed that any other manufacture/vendor is having no comment to offer and case will be decided on merits.

Sd/-
AAO(Procurement cum Stores)
AIIMS Mangalagiri

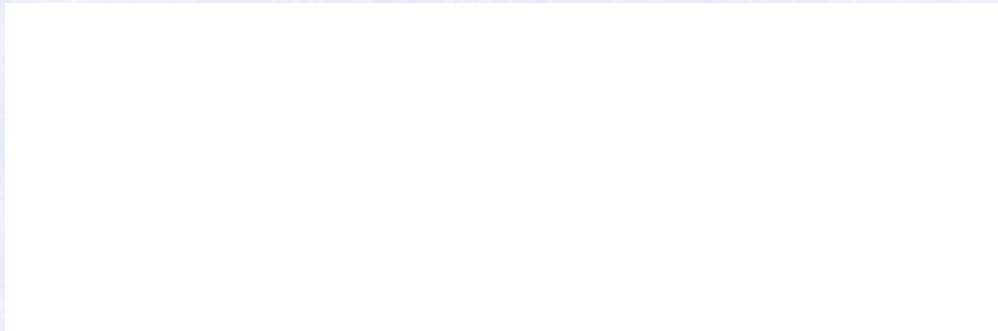
DEPARTMENT OF CLINICAL MICROBIOLOGY, AIIMS MANGALAGIRI

Technical Specifications for Fully Automated Indirect Immunofluorescence Processor

1. The instrument should be a fully automated Indirect Immunofluorescence Processor.
2. The instrument should be compatible with the Titreplane Technology and must be designed to operate with BIOCHIP technology.
3. The instrument should provide a comprehensive, integrated platform for diagnosing a wide spectrum of autoimmune diseases, encompassing Rheumatology, Nephrology, Gastroenterology, Neurology, Dermatology, Endocrinology, and Infectious Diseases.
4. The instrument must enable cost-effective autoimmune disease diagnosis via multiplexed processing of Rheumatology (ANA), Gastroenterology (AMA, ASMA & LKM) markers and Neurology mosaic screen in a single reaction field.
5. The instrument should be capable of processing up to 50 samples at a time.
6. The instrument should be capable of processing up to 5 different slides in real-time.
7. The instrument should have a robotic arm to transfer slides from one place to another.
8. The instrument should have an in-built barcode scanner.
9. The instrument should have a sample probe for diluting and dispensing the sample.
10. The instrument should have a provision for an automatic dilution programme.
11. The instrument should have ≥ 10 control positions and ≥ 3 conjugate positions.
12. The instrument should have multiple ports for connecting accessories.
13. The instrument should have preloaded IFA assays for ANA, ANCA, Neurology profiles and Liver assays
14. The sample dead volume should not be more than 250 μ L.
15. The instrument operating temperature should be between 18°C and 30°C.
16. The system should meet IEC-60601-1-2:2001 (or equivalent BIS) general requirements of safety for electromagnetic compatibility.
17. The instrument should have a power input of 220-240V/50 Hz AC, fitted with appropriate plugs and sockets and a UPS for power backup of sufficient KB to be provided.
18. A resettable overcurrent breaker should be fitted for protection.
19. A suitable auto voltage corrector with spike protector should be available.
20. The instrument should have the necessary regulatory approvals - DCG(I)/ CE-IVD/ US-FDA, and the documents for the same should be provided to the consignee.
21. The Installation Qualification (IQ), Operational Qualification (OQ) & Performance Qualification (PQ) of the instrument must be performed by the supplier, and the certificate of the same should be provided to the consignee department.

22. The manufacturer should provide a calibration certificate, operational manual/MSDS and hands-on training on handling the instrument to the consignee department.
23. The instrument and its accessories must be covered under a 5-year warranty followed by annual maintenance or comprehensive maintenance contracts.
24. The instrument should preferably be manufactured in India.
25. The manufacturer should have direct service support in India, and the local service support details should be attached.

We hereby certify the specifications of equipment/machine/goods/service are broad based and general and has been framed in such a manner that it will invite multiple bidding completion as per GFR 173 (ix).



P-3 Form

(To be attached with P-2 form for Proprietary items)

AIIMS, Mangalagiri

PROPRIETARY ARTICLE CERTIFICATE

It is certified that the item **FlouroMAT 50 An Automated Indirect Immunofluorescence Processor** required in the P-2 Form should be purchased from M/s. CPC Diagnostics Pvt. Ltd. To the best of my knowledge M/s. CPC Diagnostics Pvt. Ltd, #9 & 10, V Floor, Gokul Towers, Alwarpet, Chennai - 18 are the sole Dealer/agents of the sole manufacturer.

Signature of Indenter

with date and Stamp

Date: 25.06.2026

Dr. VASUDHA C L
MD (Microbiology)
Additional Professor
Department of Clinical Microbiology
All India Institute of Medical Sciences
Mangalagiri (Andhra Pradesh)

Designation: Additional Professor

Department: Clinical Microbiology

Recommendation by HOD:

Dr. SUMIT RAI

MD (Gold Medalist), PDCC (Infectious Diseases)
Professor & Head

Department of Clinical Microbiology
All India Institute of Medical Sciences
Mangalagiri, Andhra Pradesh.

Signature of Head of Department/Section

Dr. SUMIT RAI
MD (Gold Medalist), PDCC (Infectious Diseases)
Professor & Head
Department of Clinical Microbiology
All India Institute of Medical Sciences
Mangalagiri, Andhra Pradesh.

N.B.: The indenter before recording the above certificate should satisfy himself that the article is genuinely of proprietary nature manufactured under patent laws.

PROPRIETARY CERTIFICATE

We hereby certify that M/s CPC Diagnostics Pvt Ltd., having our registered office at #9 & 10, V floor, Gokul towers, Alwarpet, Chennai - 18 is the only manufacture of Fluoromat 50.

No other manufacturer other than M/s CPC Diagnostics Pvt Ltd., is authorized to manufacture with this features.

FluoroMAT50 is a fully automated processing of microscope slides for indirect immunofluorescence, from sample preparation to the final washing step. It performs all required process steps such as sample dilution, sample and reagent transfer, incubation, washing and microscope slide transport. 16 numbers of test procedures are pre-programmed as per the procedure mentioned in the Euromimmun's kit insert

We can process a minimum of 1 slide and maximum of 5 slides in a batch. Each sample can be programmed for 4 different dilutions (1:10, 1:100, 1:1000, 1:10000). Based on sample dilution request inputted serial sample dilution is done on 96 microwell plates.

There is a vacuum gripper system on a robotic arm to transport microscope slide to different stations (Sample incubation station, Conjugate incubation station, Processed slides station, Slide wash station 1 and Slide wash station 2).
1D-Barcode-Scanner will read the barcode labels on the sample tubes and update the data to GUI.

There is a reagent sensing and low dead volume feature

CE Certified

Authorised Signatory

Name - T. Aravind

Designation - Sr. Quality Manager

Date - 23.4.24



CORPORATE OFFICE

No.70/6, Old No.108/5, 4th floor, Westminster, Dr. Radhakrishnan Salai, Mylapore, Chennai - 600 004,
Phone No: 044-23400158/159

Objection should be submitted in following format:

S. no	Item specification as given	Specification offered by firm	Deviation if any	Remarks