



अखिल भारतीय आयुर्विज्ञान संस्थान राजकोट, गुजरात 360001
All India Institute of Medical Sciences, Rajkot, Gujarat 360001

Dated: 08 Sep 23

Subject: Proposal for Purchase of Immunoassay microplate - Fully automated enzyme linked immunoassay absorbant System (EVOLIS System - Biorad) - 01 for the Department of Biochemistry on Proprietary basis at AIIMS Rajkot - Inviting Comments/Objection thereon.

The Institute is in the process for the purchase of above cited item from Bio-Rad Laboratories, on a proprietary basis (PAC). The proprietary certificate submitted is attached & uploaded on website.

The above documents are being uploaded for open information to all principle manufacturers or their authorized distributors with the intention to invite objection/comments, if any with regard to proprietary nature of the above said system and accessories/consumables.

The comments/objections if any, should be received in the office of Stores, AIIMS Rajkot Khanderi, Para Pipaliya, Rajkot, Gujarat, INDIA, 360006, within 15 days from the date of notification, failing which it will be presumed that no other bidder/ manufacturer/ vendor is having any comments/objection against the proposition and the case shall be decided purely on merit.



Deputy Director (Admin.)

कर्नल पुनीत कुमार अरोरा,
Col. Puneet Kumar Arora,
उप निदेशक (प्रसा.)/Dy. Director (Admin),
एम्स राजकोट - 360 001, गुजरात.
AIIMS Rajkot - 360 001. Gujarat.

Enclosure: Related documents enclosed.

Specifications

1. System needs to be a fully automated continuous access microplate system.
2. System needs to be able to automate all the steps of any ELISA protocol.
3. System needs to be a European CE approved system.
4. System needs to have multi-tasking facility (simultaneous functioning of different processing steps)
5. System needs to have primary tube sampling facility.
6. System needs to have clot detector and aspiration and dispense step should be monitored by three different technology (Capacitance, Barometric & Spectrophotometric verification after each step of pipetting - sample and reagents).
7. System needs to have single probe for dispensing sample/ Reagents.
8. System needs to use carbonised or graphite conductive disposable tips for reagent dispensing & sample dispensing
9. System needs to have independent sample racks and should be able to accommodate sample tubes with 10mm-14 mm width.
10. System needs to have minimum processing capacity of upto 4 micro plates at a time & option for more number of plates.
11. System needs to have facility for direct loading of kit reagent vials to the system with the help of spring adaptor in reagent racks.
12. System needs to have minimum capacity to load 180 samples at a time.
13. System needs to have automatic sample, reagent and microplate bar-coding.
14. System needs to have option for plate dilution, In-tip dilution & tube dilution with a range upto 1:10000
15. System needs to have minimum of 24 positions for reagents & 20 positions for controls.
16. System needs to have 8 Channel washer manifold.
17. The washer needs to be able to perform all types of washes- continuous wash, cross wash, bottom wash, normal wash.
18. System needs to have Individual robotic system for Dispensing reagents and transportation of micro plates.
19. System needs not to take more than 18 minutes to complete the sample pipetting for a single microplate.
20. System needs to have capacity of loading 480 sample/ reagent tips.
21. The CV should be less than 10% for pipetting.
22. System needs to have 96 well Micro Plate Reader with bichromatic and monochromatic reading options.

23. System needs to have position for 8 filters with 5 preinstalled filters in reader.
24. The spectrophotometric range needs to be in between 0 - 3.5 OD
25. System needs to have minimum of 4 independent incubators with temp options from RT +5°C to 47°C.
26. System needs to have minimum of 4 independent incubators with temp options at RT.
27. The incubators need to be covered individually to avoid any kind of contamination due to dust or spillage.
28. System needs to have Bi-directional interface.
29. Startup time need not be more than 10 minutes.
30. System needs to be able to perform individual modular functions like washing, reading, incubation and sample addition separately.
31. System needs to be a windows-based operating system
32. System needs to have facility of parallel sampling and multishot pipetting.
33. System needs to have facility of creating an event log of each step for traceability.
34. The Company needs to have minimum 10 Years of installation & maintenance experience of the same system in India.
35. The company needs to submit minimum 20 reference installations with complete address.
36. The company needs to provide 3-year warranty and 5 years spare parts availability.
37. The equipment must have easily replaceable parts and a list of necessary maintenance spares and consumables for a period of five years must be attached and supplied with the machine.
38. Supply must undertake to provide comprehensive maintenance for further 5 years after expiry of the essential initial warranty period of 36 months after installation.
39. During warranty frequent periodic services should be given.
40. Periods of breakdown of machine will be excluded from warranty period.

Amr Singh

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 अखिल भारतीय आयुर्विज्ञान संस्थान, राजकोट
 ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAJKOT

Amr Singh

Anita Motiani

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 All India Institute of Medical Sciences, Rajkot



Bio-Rad
Laboratories

3, boulevard Raymond Poincaré
92430 Marnes-la-Coquette France
Téléphone : +33 (0) 1 47 95 60 00
Télécopie : +33 (0) 1 47 41 91 33

PROPRIETARY LETTER

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **BIO-RAD**, 3 boulevard Raymond Poincaré, 92430 Marnes La Coquette, FRANCE is the legal manufacturer for:

- Evolis™ System (Cat # 89601)

Bio-Rad is officially authorized to distribute Evolis™ System in all countries and by this way, to carry out the technical tender & registration procedures of the instrument.

This ELISA automated system includes a **Triple detection technology**:

- Liquid Level Detection,
- Barometric Detection,
- Reagent addition colorimetric verification (for Bio-Rad Ultra Line reagents).

Date: January 22, 2016

Signature :

Name: Sylvie FERNEZ

Regulatory Affairs Manager



3 Bd Raymond-Poincaré
92430 MARNES-LA-COQUETTE - FRANCE



Bio-Rad
Laboratories

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PROPRIETARY LETTER

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **BIO-RAD**, 3 boulevard Raymond Poincaré, 92430 Marnes La Coquette, FRANCE is the legal manufacturer for:

- Evolis™ Twin Plus System (Cat # 93501)

Bio-Rad is officially authorized to distribute Evolis™ Twin Plus System in all countries and by this way, to carry out the technical tender & registration procedures of the instrument.

This ELISA automated system includes a **Triple detection technology**:

- Liquid Level Detection,
- Barometric Detection,
- Reagent addition colorimetric verification (for Bio-Rad Ultra Line reagents).

Date: January 22, 2016

Signature :



Name: Sylvie FERNEZ

Regulatory Affairs Manager



3 Bd Raymond-Poincaré
92430 MARNES-LA-COQUETTE - FRANCE

**All India Institute of Medical Sciences
Rajkot**

***** 399/2023

Ref No.- o.w.No/AIIMS.Rajkot/Biochemistry Dated: - 01-09-23

Subject: Procurement of Immunoassay microplate - Fully automated enzyme linked immunoassay absorbant System (EVOLIS System - Biorad) on PAC basis

DD (Admin.)
I.No. 5747 Date 01/09/23 Sign BK
O.No. _____ Date _____ Sign.

Description	Encls No
1. It is proposed to procure Immunoassay microplate - Fully automated enzyme linked immunoassay absorbant System for Department of Biochemistry, AIIMS Rajkot.	
2. The equipment is available on GeM. Technical specifications of the equipment are enclosed.	1
3. The item is to be procured on PAC basis. The proprietary certificate submitted by OEM is enclosed.	2
5. Draft notice required to be published on the institute website inviting comments/objections thereon from any manufacturer regarding proprietary nature of the item is enclosed.	3
5. Approval may please be accorded to publish the notice and thereafter proceed with tender on GeM.	

Jeela
01/09/2023
डॉ. दीपक परचुरानी / DEEPAK PARCHWANI
अपर आचार्य / ADDITIONAL PROFESSOR
जीव रसायन विभाग / DEPARTMENT OF BIOCHEMISTRY
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ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAJKOT

- Alo i) As per Ret N.S-01
ii) Non-DPR item for Biochemistry department.
iii) Indent received from department on PAC Base
iv) P.O for approval

JBR
21/9/23

AO(A/c): is As proposed *Spasae*
02/09/2023

DO (A): on leave

GO Sir:

[Signature]
02/9/23