



**Department of Medicine**  
**ALL INDIA INSTITUTE OF MEDICAL SCIENCES**  
**New Delhi 110 029**

Date: 6<sup>th</sup> Sep, 2018

(Reference Medicine/ Proprietary/ M&E / 2018-19

**Subject:** Purchase of TB Lamp Assay for the Department of Medicine AIIMS, New Delhi on proprietary basis- inviting comments thereon.

The Department of Medicine needs to TB Lamp Assay from M/s. HUMAN Gesellschaft for Biochemica und Diagnostica mbH Germany proprietary basis. The proposal submitted by M/s. HUMAN Gesellschaft for Biochemica und Diagnostica mbH Germany and PAC Certification are attached & uploaded on website.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/items within 15 days from the date of issue/uploading of the notification giving reference Medicine/ Proprietary/ M&E / 2018-19.

The comments should be sent to professor & Head Department of Medicine Room No. 3094A 3<sup>rd</sup> floor teaching block at AIIMS, New Delhi on or before 25<sup>th</sup> Sep, 2018 up to 5.00 pm failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on Merits.

Thanking you

Sincerely

Dr. Naval K. Vikram  
Officer in-charge  
Department of Medicine

### Instrument specifications for (TB LAMP assay)

The equipment should be a programmed incubator with visual fluorescence detection system, Sample Lysis and Amplification Incubation Chambers

- Minimum Tests per run 16
- Time per run < 1h
- Sample volume Maximum 60 µl (sixty microlitre)
- Test positions Upto 16

**System should have two incubation Chambers with following features:**

1. Sample lysis Wells

- Temperature 90 °C
- Time 5 minutes

2. Amplification Incubation Chamber

- Temperature 67 °C (preinstalled, fixed) isothermal reaction  
80 °C (preinstalled, fixed) enzyme inactivation
- Time 40 min (preinstalled, fixed) isothermal reaction  
5 min (preinstalled, fixed) enzyme inactivation
- Temperature Accuracy ± 0.5 °C (for reaction)  
± 1.0 °C (for sample lysis & enzyme inactivation)
- Result analysis • Visual reading of fluorescence, Qualitative
- Light source • LED
- Wavelengths • 450~500 nm (465~470 nm)
- Applicable dye • Calcein
- Wavelength filter • 1
- Electrical requirements • 100V-240 V~ ±10%; 50Hz/60HZ, 240 W
- Warranty • 5 Years
- Quality Management System • EN ISO 9001(ISO 9001 : 2015)

*[Handwritten signatures and initials at the bottom of the page]*

To whom it may concern

## Proprietary Certificate HumaLoop T Cat.-Ref. 961000

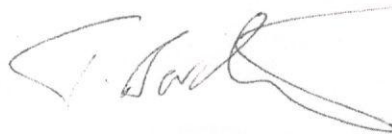
We,

**HUMAN Gesellschaft für Biochemica und Diagnostica mbH,**  
Max-Planck-Ring 21, 65205 Wiesbaden, Germany

declare that the above mentioned HumaLoop T instrument (incubator for sample processing, amplification and visual result reading), used for TB LAMP Test is a proprietary product within the framework of an OEM supply agreement between Eiken Chemical Co. Ltd. and HUMAN Gesellschaft für Biochemica und Diagnostica mbH.

The above mentioned product will be supplied by Biohouse Solutions Pvt. Ltd, 409, Palm Springs Plaza, Golf Course Road, Gurugram 122002, India through HUMAN Gesellschaft für Biochemica und Diagnostica mbH.

**HUMAN Gesellschaft für Biochemica  
und Diagnostica mbH**



Wiesbaden, August 27, 2018

Dr. Torsten Borchers  
Vice President Quality Assurance  
and Regulatory Affairs

## Human

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und Diagnostica mbH  
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IBAN: DE91 5104 0038 0716 0534 00

Norddeutsche Landesbank  
BLZ 250 500 00  
Kto.-Nr. 122 037 724  
SWIFT-BIC: NOLA DE 33  
IBAN: DE76 2505 0000 0122 0377 24

Landesbank Baden-Württemberg  
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Kto.-Nr. 263 6685  
SWIFT-BIC: SOLA DE 33  
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Vorsitzender des Beirats:  
Lorenz von Schröder

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