



All India Institute of Medical Sciences, Jodhpur

No. Admn/Prop/36/2019-AIIMS.JDH

Dated 29th August, 2019

Subject: Proposal for Purchase of QuantiFRON-TB Gold Plus (QFT-Plus) on Proprietary basis at AIIMS Jodhpur – Inviting Comments/Objection thereon.

The Institute is in the process of purchasing QuantiFRON-TB Gold Plus (QFT-Plus) at AIIMS, Jodhpur from M/s QIAGEN India Pvt. Ltd., New Delhi through its authorized distributor M/s Rupam Medisales, Jodhpur on Proprietary basis. The proprietary certificate submitted is attached & uploaded on website.

The above documents are being uploaded for open information to submit objection, comments, if any, from any manufacturer regarding proprietary nature of the above said system and accessories/consumables within 21 days from the date of issue/uploading of the notification. The comments should be sent to administrative officer, AIIMS Jodhpur on or before 18th September, 2019 up to 03:00 PM, failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

Administrative Officer

Enclosure: Related documents enclosed



Date :- 20th June 2019

To Whom It May Concern

Proprietary Certificate

We herby certify that QuantiFERON-TB Gold Plus ELISA & related QuantiFERON-TB Gold Plus blood collection tubes (Nil, TB1, TB2, Mitogen) having catalogue No's 622180 & 622526 is a Proprietary product of QIAGEN India Pvt. Ltd. It is only being manufactured by QIAGEN world wide.

Thanking You,

Yours Sincerely ,
Sanjay Kumar



QIAGEN India Pvt. Ltd.
Samyak Towers, Property # 39, Pusa Road, Karol Bagh
New Delhi, 110005; Tel: +91 11 4712 8301 Fax:+91 11 4712 8302
www.qiagen.com



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Date: - 27/08/2019

To,
Prof. & Head
Department of Microbiology,
AIIMS, Jodhpur

Sub: Quotation for QuantiFERON TB Gold Plus – ELISA & TB1/TB2/Nil /Mitogen

Dear Madam,

Please find below the price for QuantiFERON TB Gold Plus for your reference.

Cat.No.	Description
622180	QFT-Plus 2 Plate Kit ELISA (96)
622526	QFT-Plus tubes (50x TB1/TB2/Nil/Mitogen)

GST @ 5% is Extra as applicable.

Terms & Condition

1. Validity 180 days.
2. All Supplies Through our Authorized Distributor, Rupam Medisales, Jodhpur.

For QIAGEN India Private Limited,



Sanjay Kumar - QIAGEN
Account Manager-MDx
Email: - Sanjay.Kumar@qiagen.com
Mob: - 7042895138

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MANUFACTURER'S AUTHORISATION FORM

To,
Prof. & Head
Department of Microbiology,
AIIMS, Jodhpur

Date: 27/08/2019

Sub: Quotation for QuantiFERON TB Gold Plus – ELISA & TB1/TB2/Nil /Mitogen

Dear Madam,

In reference to our quotation submitted for QuantiFERON TB Gold Plus dated 27/08/19

We M/S QIAGEN INDIA PVT LTD, are the original manufacturers of the above items having registered office at 39, 2nd Floor, Samyak Tower, Pusa Road, Karolbagh, New Delhi, INDIA -110005 do hereby authorize Rupam Medisales Shop No. 5, Adeshwar Tower, Chopasni Road Upper Ground Floor Jodhpur as our authorised distributor against our above quotation submitted.

For QIAGEN India Private Limited,



(Authorized Signatory)

Sanjay Kumar - QIAGEN
Account Manager-MDx
7042895138

QIAGEN India Pvt. Ltd.
SAMYAK TOWERS, PROPERTY # 39, PUSA ROAD, KAROL BAGH
NEW DELHI, 110005; TEL: +91 11 4712 8301 FAX: +91 11 4712 8302
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Justification for including QuantiFERON-TB Gold Plus (QFT Plus) ELISA for the diagnosis of Latent and Active tuberculosis Infection

Diagnosis of Latent Tuberculosis Infection (LTBI), until recently, is done by cutaneous sensitivity to tuberculin which develops between 2 to 10 weeks of infection. However, some infected individuals including those who are immunodeficient do not respond to tuberculin. Also, false positive tuberculin test has been documented following BCG 'vaccination and infection with mycobacteria other than *Mycobacterium tuberculosis* complex or other undetermined factors.

Quantiferon TB Gold plus is a test that can detect both active and latent infections caused by *Mycobacterium tuberculosis* complex by using a cocktail of peptide antigens that stimulate mycobacterial proteins ESAT-6 and CFP-10. Both these proteins are absent from all BCG strains and from most non-tuberculous mycobacteria with the exception of *M. szulgai*, *M. kansasii* and *M. marinum*. Individuals infected with MTB complex organisms usually have lymphocytes in their blood that recognize these mycobacterial antigens through production and secretion of IFN- γ . The detection and subsequent quantification of IFN- γ forms the basis of the test.

Results of QFT-Plus when used in conjunction with the patient's epidemiological history, current medical status and other diagnostic evaluations, can be helpful in detecting LTBI as well as active infection with MTB complex particularly in those cases **where specimens are not available** for direct microscopy or culture, e.g. tuberculous spondylitis (Pott's spine), tuberculous uveitis, etc.

The overall sensitivity of QFT-Plus for the diagnosis of active TB disease is 90.9%-97.9% (CI= 95%) and specificity is 95.6%-98.8% (CI= 95%).

Use of QFT Plus will be done in:

1. Paediatrics Cases
2. Pregnancy
3. HIV/AIDS
4. Immunosuppressive therapies
5. Healthcare workers
6. TB contacts
7. Transplantation recipients
8. End stage renal disease
9. Diabetics

