

All-India Institute of Medical Sciences
Ansari Nagar, New Delhi-29
(RESEARCH SECTION)

Ref. No. 47/Prop/Path/GS/18-19/RS

Dated: 23.02.2018

Subject: Procurement of Gel Imaging and Western Blot Imaging System/ChemiDoc MP Imaging System on proprietary basis- Inviting comments thereon.

The request has been received from **Dr.Geetika Singh, Associate Professor, Pathology, AIIMS** to purchase the subject item from **M/s.BioRad Laboratories(India) Pvt. Ltd.** on proprietary basis. The proposal submitted by **M/s.BioRad Laboratories(India) Pvt. Ltd.** and Performa Invoice and Departmental PAC certifications are attached.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within issue of 15 days giving reference **No. 47/Prop/ENT/CAS/18-19/RS**. The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before **09/03/2019 upto 12:00 p.m.**, failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

STORES OFFICER (RS)

Encl: Related documents enclosed.

- 1. PAC Certificate enclosed.**
- 2. Performa Invoice**

ALL INDIA INSTITUTE OF MEDICAL SCIENCE
ANSARI NAGAR, NEW DELHI-110029

PROPRIETARY/SPECIFIC BRAND GOODS CERTIFICATE

- | | |
|--|---|
| 1. Item/Type/Model No. required | Gel Imaging and Western
Blot Imaging
system/ChemIDoc MP Imaging
System (Cat# 12003154) |
| 2. Is the item a spare part attachment or
accessory for existing equipment. | NO |
| 3. Name of the manufacturers/ supplier of
the item proposed by the indenter. | M/s Bio-Rad Laboratories, Inc. |
| 4. Are they sole manufacturers/sole
Distributors of the item | YES |
| 5. Is there any other item with
similar/equivalent specification
available in the market to meet the job
requirement envisaged. If the answer is
yes, why the same can't be procured.
Demanding Officer should bring out
Comparative functional advantages/cost
effectiveness of the recommended item
from these offered by other. | NO |
| 6. What were the efforts made to locate
alternative source of supply or use other
substitutes. | THE ITEM IS PROPRIETARY OF
THE FIRM |
| 7. Why open/limited tender can't be
resorted to, for locating alternative
source. | |
| 8. Are the proprietary items certifying that
the rates are reasonable or not. | YES, RATES ARE REASONABLE |


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Dr. Geetika Singh
Assistant Professor
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(M.S. of B.T. App.)


DR. GEETIKA SINGH M.D.
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9. Any other justification for procuring item from single source.

THE FUNCTIONING OF THE EQUIPMENT FULFILLS THE CRITERIA OF PI'S WORK. NO OTHER MANUFACTURERS HAVE COMPARITIVE FULFILMENTS

Detailed justification attached
Proprietary certificate and patents attached
Supply orders of previous purchase as proprietary item from other institutions attached


DR. GEETIKA SINGH M.D.
Assistant Professor
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I certify that the item 'at' Sr. No. 1 above is required to be procured on single tender basis as the source of supply is definitely known/the specified brand proposed was advantage in meeting our functional requirements and limited tender system could be dispensed with as they would serve no useful purpose in this particular case.


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Dr. Anil Singh
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(MS. Office App)

BIO-RAD Bio-Rad Laboratories, Inc. Life Science Group
200 Alfred Nobel Drive Hercules, California 94547
Phone: 916-741-5000 Fax: 916-741-5800

June 27, 2017

PROPRIETARY CERTIFICATE

This is to certify that the Bio-Rad Chemidoc system Catalog numbers listed in the table below are products of Bio-Rad Laboratories, Inc., 1000 Alfred Nobel Drive, Hercules, California 94547 USA, which are covered by the following US Patents owned by Bio-Rad Laboratories, and foreign equivalents thereto:

Catalog No	Description
17001314	Chemidoc MP Imaging System
17001402	Chemidoc MP Imaging System
12001153	Chemidoc Imaging System
17001401	Chemidoc Imaging System

US Patent Number 8,913,127 B2 Calibration of imaging devices for biological/chemical samples, December 16, 2014

For Bio-Rad Laboratories Inc.

Patricia Gee
Regulatory Affairs Representative


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(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(10) International Publication Number
WO 2017/156283 A1

(43) International Publication Date
14 September 2017 (14.09.2017)

(51) International Patent Classification
G02B 21/08 (2006.01) G02B 21/36 (2006.01)
G02B 21/26 (2006.01) G02B 23/00 (2006.01)

Drive, San Anselmo, California 94950 (US); SWHART, Stephen L.R., 248 Sequoia Avenue, Walnut Creek, California 94595 (US); HALL, Brian D., 15895 Comodly Avenue, San Lorenzo, California 94580 (US).

(21) International Application Number: PCT/US2017/021595

(74) Agents: SCHOLZ, Christian D. et al.; WEAVER AUSTIN YELLENEUVI & SAMPSON LLP, P.O. Box 70250, Oakland, California 94612-0250 (US)

(22) International Filing Date: 9 March 2017 (09.03.2017)

(25) Filing Language: English
(26) Publication Language: English

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AI, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BS, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(30) Priority Data:
62/307,214 11 March 2016 (11.03.2016) US
15/449,786 3 March 2017 (03.03.2017) US

(71) Applicant: BIO-RAD LABORATORIES, INC. [US;US]; 1000 Alfred Nobel Drive, Hercules, California 94547 (US)
(72) Inventors: PEREZ, Emilio; 10 Glenwood, Hercules, California 94547 (US); THURSH, Evan P.; 145 De Burch

[Continued on next page]

(54) Title: CAMERA ASSEMBLY AND SYSTEM FOR MOUNTING THEREOF

(57) Abstract: Techniques and systems for implementing fast, fixed-focal-length lens imaging systems for molecular biology or genetics applications are provided. In particular, techniques and structures are provided for allowing for precise alignment of the optical and imaging components of such imaging systems during assembly with a minimal amount of adjustment.

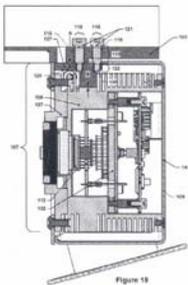


Figure 18

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(12) **United States Patent**
Swihart et al.

(10) Patent No.: **US 9,618,733 B2**
(45) Date of Patent: **Apr. 11, 2017**

(54) **MECHANICAL ZOOM IMAGING APPARATUS**

(71) Applicant: **Bio-Rad Laboratories, Inc.**, Hercules, CA (US)

(72) Inventors: **Steve Swihart**, Walnut Creek, CA (US);
Evan Thrush, San Anselmo, CA (US);
Evelio Perez, Hercules, CA (US);
Kevin McDonald, Novato, CA (US)

(73) Assignee: **Bio-Rad Laboratories, Inc.**, Hercules, CA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 164 days.

(21) Appl. No.: **14/444,709**

(22) Filed: **Jul. 28, 2014**

(65) **Prior Publication Data**
US 2015/0029595 A1 Jan. 29, 2015

Related U.S. Application Data
(60) Provisional application No. 61/859,646, filed on Jul. 29, 2013.

(51) Int. Cl. **G02B 15/14** (2006.01)

(52) U.S. Cl. **G02B 15/14** (2013.01)
CPC

(58) **Field of Classification Search**
CPC **G02B 15/14**
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

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OTHER PUBLICATIONS

International Search Report and Written Opinion mailed Nov. 14, 2014, from PCT Application No. PCT/US2014/048484 (8 pages).
Supplementary European Search Report mailed Oct. 10, 2016 in EP 14832584.8, 10 pages.

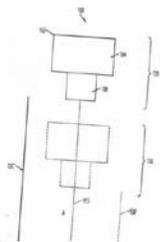
* cited by examiner

Primary Examiner — Alicia M Harrington
(74) *Attorney, Agent, or Firm* — Kilpatrick Townsend & Stockton LLP

(57) **ABSTRACT**

An imaging assembly for the viewing, imaging, and analysis of chemiluminescent or bioluminescent samples in gels or other substrates, in which an adjustable camera and lens module having a prime or fixed lens or a focusing lens is moved to change the field of view by shifting the focal plane of the camera and lens module. The imaging assembly can also include a mirror to bend or fold the optical path between the camera and lens module and the target area having a sample, in which the mirror can move in the same vertical direction as the camera and lens module. Further, the camera and lens module can be configured to more move in a diagonal direction relative to the location of the imaging target area. The imaging assembly can further have a diaphragm system adaptable to adjust with the movement of the camera and lens module.

20 Claims, 5 Drawing Sheets



The project (BT- 1857) 'Study of Urinary exosome as a predictive biomarker for podocytic injury in childhood idiopathic nephrotic syndrome' aims to develop an RNA and protein biomarker profile from urinary exosome. This will require accurate detection of small amounts of proteins and an array of multiple proteins for which purpose the proposed equipment is recommended for proprietary purchase with the following detailed justification:

- The ChemiDoc Imaging Systems provide **total protein normalization (TPN) with stain-free technology** vide patents: US 9606111, US 9005418 & US 9791408 as an alternative to normalization with single housekeeping proteins (HKPs). Stain free total protein normalization can be used to validate HKPs or may replace HKPs entirely, simplifying the western blot workflow and allowing for probing another antigen of interest on the same western blot. With TPN, the intensity of all proteins (faint and strong) in the lane is considered. The variations of sample loads is also been taken in consideration as compared to HKP. Most journals (eg. Journal of Biological Chemistry) recommend TPN for normalizing Western blots and it is now the most reliable method of reporting quantitative western blot data. (Fosang AJ and Colbran RJ 2015. Transparency is the key to quality. JBC 29, 29, 692-694)
- Stain free technology also adds new functionality to western blotting by allowing researchers quality control (QC) validation of their results at each stage of the blotting process, enabling faster time to results and higher data confidence.
- The patented **mechanical zoom** (US 9168733) in Chemidoc MP imaging system enables the camera to maintain optical resolution over any field of view without compromising sensitivity. Furthermore, by physically bringing the camera close to the sample, the system is more efficient at capturing photons which are been emitted by exo proteins during image capture. This enhances the system and user to analyze more sensitive even if protein levels are lower.
- ChemiDoc MP also has patented **light filtration strategy & design** (US 9841378) with optimized flat black coating within the lens and instrument prevent any unwanted stray, scattered, and reflected excitation light from entering the sensor and thus avoiding cross talk between two proteins which can hamper detection and further analysis.

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- The patented **Smart tray technology** (US 8913127) recognizes the application-specific tray and adjusts imaging parameters, iris setting, and software options accordingly. This feature is extremely helpful for multi-user, multi-applications based labs which helps users to select the protocol based on the tray placed in the system.
- BIORAD has provided the Chemidoc MP equipment on proprietary basis to Calcutta University, Mizoram University Alzawl, Presidency University Kolkata, Institute of Life Sciences Bhubaneswar (Supply order attached) and IIT Kharagpur (Supply order attached)

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Specifications for Chemiluminescence Imaging System

Latest, state of the art model should be supplied with ready to use system, with all essential hardware accessories, darkroom, CCD camera, and advanced single software for image acquisition and analysis.

System should be capable of doing all of the following applications

- Chemiluminescence
- Fluorescence
- Multiplex Fluorescence Western Blotting
- Cokinometry
- Gel Documentation
- Stain-free technology for total protein normalization

System should have following illumination sources

- Trans UV (302nm), Trans White, Epi White
- Epi Blue, Epi Green, Epi Red, Epi Far Red, Epi Near IR

System should be supplied with below mentioned filters

- 590/110nm Standard filter to perform protein and DNA Gel and Blot Imaging
- Chemiluminescence Filter
- 518-546nm filter for blue emitting fluorophores and stains
- 577-613nm filter for Green emitting fluorophores and stains
- 675-725nm filter for Red emitting fluorophores and stains
- 700-730nm filter for Far Red emitting fluorophores and stains
- 813-860nm filter for near IR emitting fluorophores and stains

Effective imaging area for all applications: not less than 21 cm (W) x 16 cm (H)

System should be supplied with universal tray for Chemi/UV/Stain Free applications and White Light tray for protein gels. All Trays should have imaging area not less than 21 x 16cm (W x H)

System should be able to automatically recognize application specific trays, and adjust imaging parameters, iris setting, and software options accordingly.

System should have options for choosing automatic or manual exposure and adjust the binning level (2x2, 3x3, 4x4, 6x6 and 8x8) for Chemiluminescence applications. System should be able to capture multiple Chemi images with user defined range of exposure times.

System should have a touchscreen interface with onboard computer along USB Ports to connect USB devices and Ethernet port to allow users to transfer image files via Ethernet to networked computers

System should have two predesigned auto exposure algorithms (rapid or optimal)

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- Should be single software for acquisition and analysis with no requirement for any license or registration.
- Free life time upgrade for acquisition and analysis software should be available freely on the internet.
- Accessories to be supplied with the system


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 (M.S. Softee Rep)



Bio-Rad Laboratories, Inc.
 Corporate Office
 100 Alfred Nobel Drive
 Hercules, California 94507
 Phone: 916 751-2000
 Fax: 916 751-4000

Date: 10 January 2019

Authorization Letter

This is to certify that Bio-Rad Laboratories (India) Pvt. Ltd. having its registered office at Plot# 1220, Basement Lal Dora, Village Kapashera, Opposite Fun & Food Village, New Delhi-110037, Phone-91-11-26655113, CIN— U32100DL1998PTC078494, Certificate of Incorporation No. 55-78494 dated 25.04.1998, with corporate office at 20th Floor, Tower A, Emaar Digital Greens, Golf Course Extension road, Sector 61, Gurgaon; Haryana-122102, India, and respective branch offices in Mumbai, Bangalore, Chennai & Kolkata (together "Bio-Rad India"), is a wholly owned subsidiary of Bio-Rad Laboratories, Inc. located at 100 Alfred Nobel Drive, Hercules, California 94507, USA. This letter supersedes all previous letters on this matter. We hereby confirm the following:

- Bio-Rad Laboratories, Inc. and its subsidiaries and affiliated companies manufacture Bio-Rad products.
- Bio-Rad India is a wholly owned subsidiary of Bio-Rad Laboratories, Inc. and is authorized to import, stock, market, supply, sell, install, distribute, service, maintain and extend warranties for Bio-Rad products, and to quote and submit tender documents, clarifications, and to negotiate the sale and supply of Bio-Rad products manufactured by Bio-Rad Laboratories, Inc. or any of its affiliated companies worldwide in response to enquiries and tenders issued by customers including without limitation, government hospitals and organizations, and private customers, in India, Sri Lanka, Nepal, Bhutan, Mauritius, Bangladesh, Maldives and Seychelles in local currency or United States Dollars ("USD") currency.
- Bio-Rad India is authorized to appoint distributors to import, stock, market, supply, sell, install, distribute, service, maintain and extend warranties for Bio-Rad products, and to quote and submit tender documents, clarifications, and to negotiate the sale and supply of Bio-Rad products manufactured by Bio-Rad Laboratories, Inc. or any of its affiliated companies worldwide in response to enquiries and tenders issued by customers, including without limitation, government hospitals and organizations, and private customers, in India, Sri Lanka, Nepal, Bhutan, Mauritius, Bangladesh, Maldives and Seychelles.
- Bio-Rad Laboratories, Inc. does not supply directly to any customers in India, Sri Lanka, Nepal, Bhutan, Mauritius, Bangladesh, Maldives and Seychelles, and all pre and post sales and marketing activities are conducted by its subsidiaries and affiliated companies.
- Bio-Rad India and/or its distributors are authorized to provide USD quotes to, and place USD currency orders for, customers based in India, Sri Lanka, Nepal, Bhutan, Mauritius, Bangladesh, Maldives and Seychelles to Bio-Rad Pacific Ltd. (Business Registration Certificate: 13294760-000-01015-0), located at Unit 1101, 11th Berkshire House, 25 Westlands Road, Quarry Bay, Hong Kong, which will issue the sales documentation, and coordinate the delivery of products for these customers.
- Bio-Rad Laboratories, Inc. guarantees its support to Bio-Rad India by maintaining the continuity of supply of Bio-Rad products if a tender/contract/purchase order is awarded to Bio-Rad India.

This authorization letter is valid for 24 months from the date of issuance.

For and on behalf of Bio-Rad Laboratories, Inc.

Lee Boyd

 DR. GEETIKA SINGH M.D.
 Assistant Professor
 Dept. of Pathology



Bio-Rad Laboratories (India) Private Limited
 (Incorporated in India)

Registered Office: Plot# 1220, Basement Lal Dora, Village Kapashera, Opposite Fun & Food Village, New Delhi-110037, India
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 Website: www.bio-rad.com

Date: Feb 22, 2019

Ref No: DR/IN/MS/01/2019

To, The Director,

All India Institutes of Medical Sciences,

New Delhi - 110029

Kind Attn: Dr. Geetika Singh

PERFORMA INVOICE

Category #	Description	Qty	Total Price INR
1200314	ChemDox MP Imaging System, includes internal computer, 12" touch screen display, camera, Image Lab Touch software, 30x45x150mm-free sample tray, Image Lab desktop software v6	1	3,875,625.00
	2,750 x 1,200 v pixels, 6.05 megapixels		
	70% QE at 425 nm, max QE 75% at 325 nm, 75-50% QE at 325-800 nm		
	Dynamic Range: 14 orders of magnitude		
	1/2.93 sec lens		
	18 bit color acquisition		
	1.54 x 4.54 cm pixel size		
	Low read noise: <5e		
	Powered by Image Lab™ Touch software		
	Illumination Source: Trans-UV, 302 nm (standard)		
	Eye-white (standard)		
	Trans-white (standard)		
	Trans-blue, 450-490 nm (standard)		
	Eye-green, 520-540 nm excitation (standard)		
	Eye-red, 625-650 nm excitation (standard)		
	Eye-IR, 750-777 nm excitation (standard)		

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Filter Holder: Filter position number and applications: 1, Chemiluminescence 2, 538-546 nm filter for blue emitting fluorophores and stains 3, 700-730 nm filter for far red emitting fluorophores and stains 4, 577-613 nm filter for green emitting fluorophores and stains 5, 613-660 nm for near IR emitting fluorophores and stains 6, 675-725 nm for red emitting fluorophores and stains 7, 590/210 nm standard filter to perform protein and DNA gel and blot imaging		
Touchscreen Functionality - A 12.1" diagonal Touch screen display with multi-touch capability (4 points) enables users to easily interact with the touchscreen to acquire, assess, and export images. Touchscreen actions include: tap, double tap, pan, scroll, and pinch to zoom. Three sample trays provide unmatched application versatility Blot/UV/Scan-free Sample Tray for trans-UV, epi illumination, and multiplex western blot applications (standard) White for trans-white illumination (optional) Blue Sample Tray for trans-blue illumination (optional) Factory calibrated flat fielding ensures uniform data for all applications. Systems are calibrated for image area, focus, and flat field correction at the factory and files stored in the integrated PC. Automated image capture optimized for each selected gel or blot application The ChemDox imaging system is optimized for imaging stain-free gels and blots Software-suggested bin setting based on defined imaging area to achieve publication quality images Mac and PC compatible software No requirement for license registration ImageLab desktop software - 16-bit and 8-bit tiff images with a one-click export option Multiple input/output ports Includes Image Lab Desktop Software 6.0 Specification True Multi Platform file - save on one computer and analyzer on another without loss of work Image Lab is now compatible with Windows 7 (32-bit and 64-bit), Windows 10 (64-bit), and Mac OS 10.11 and 10.12 Streamlined Lane and Band Editing: Lane and band editing has been streamlined by making lane editing more model-less. Users no longer have to switch between width, move, and bend modes. Users can now select and manipulate more than one lane at a time Enhanced Normalization: Users can perform total protein normalization or housekeeping protein normalization more quickly and in fewer steps. It is now easier to link images for analysis. Any lane can now be defined as the normalization reference lane. Automated lane finding now detects the normalization channel and uses that lane frame for all the sample channels. Users can now copy lane changes from the normalization channel by pressing a button. A new lane statistics table, including total lane volume, can be exported to present analysis results outside of Image Lab.		

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	<p>Lane Profile: Users can automatically identify lanes on a gel or blot image and then automatically detect bands. The Lane Profile tool is useful for fine-tuning the boundaries of bands in a lane and for subtracting background. Without leaving the Lane Profile window, users can now add and delete bands. They can also change and delete the background removal using the new rolling disk slider.</p> <p>Volume Analysis: Quantitate areas quickly.</p> <p>Image Rotation: Allows for fine tuning image orientation in degrees and radians.</p> <p>3-D Viewer for critical analysis of closely spaced band.</p> <p>Annotation Tools: Allows users to do prepublication work with one software package.</p> <p>Filter Wizard: Helps user choose right imaging filter to improve image.</p> <p>Flexible Array Tools: Provides ability to quantitate medium to high density arrays.</p> <p>Drives multiple imaging platforms: Eliminates learning curve for multiple device laboratories.</p>		
	<p>Transform images: Provide complete tools to quickly visualize even the faintest bands.</p> <p>Automatic band and Lane detection.</p> <p>Lane based Analysis: Gets results quickly and allows for overlaying quantitation on top of image.</p> <p>Lane to lane profile analysis, Gaussian analysis.</p> <p>Band Detection: Highly flexible band detection eliminates user to user variability.</p> <p>Matching: Provides basic fingerprinting abilities (3 different methods to construct dendrogram).</p> <p>Report Data: Provides all the data a user needs.</p> <p>Export TIFF: Provides compatibility with other software packages.</p> <p>JPEG File Export.</p> <p>Calculate Molecular Weights: quickly determines Mol. Wt. and displays info with the band.</p> <p>Four different modes of background subtraction: a) Transformation b) Gradient gel c) Global d) Filter wizard</p> <p>Contour Analysis, Comet Analysis.</p> <p>Microplate Reading (96, 192 and 384 well).</p> <p>Quick Guides: Users can do work without worrying about forgetting key steps.</p> <p>Contour Analysis: Allows for user independent volume calculations.</p>		
	<p>Application Oriented User Interface: Reduces learning curve to a minimum.</p> <p>GLP/GMP Mode: Helps eliminate user to user variability in calculations.</p> <p>File History: Saves a record of modifications to image.</p>		
12003026	White Sample Tray for ChemiDoc MP/ChemiDoc Imaging Systems, for gels stained with Coomassie Blue, copper, silver, or zinc stains	1	Included
NPN	Computer (Sutable from local source)	1	Included

DR. GEETIKA SINGH M.D.
Professor
Department of Pathology
All India Institute of Medical Sciences

Ex-Work price	3,875,625.00
Spl. Discount	1,356,488.00
Net Discounted Ex-Work price	2,519,137.00
ADD GST @ 3%	126,958.00
FOR New Delhi Destination	2,646,135.00

Note: GST@3% applicable against GST exemption certificate, if Exemption certificate not available GST@3% applicable.

STANDARD TERMS AND CONDITIONS OF THE SALES:

- Validity: 180 Days
- Delivery: 4-6 weeks from the date we receive your confirm order.
- The bank details are:-
The bank name is:- Axis Bank Ltd., Jharkhand Marg, Phase 2, Gurgaon
Branch Code: 034
A/c No: 6000482507
MICR Code: 110037004
Authorized Dealer Code of Citibank: 6480002 2900009
SWIFT Code: CITIIN33XXX
RTGS/IFSC: CITI0000014
ROUTING No.: 30241757
Order to be placed in favor of Bio-Rad Laboratories (India) Pvt. Ltd.
EMAAR Digital Greens, 8th Floor, Tower A, Golf course extension,
Gurgaon - 122102, Tel: 91-124-4028900
Warranty: 3 Year
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Thank You
For Bio-Rad Laboratories (India) Pvt. Ltd.



Authorized Signatory
Rahul Kumar, Senior Account Manager - 150 Division
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