



ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BIBINAGAR,
Hyderabad Metropolitan Region, TELANGANA - 508126

अखिल भारतीय आयुर्विज्ञान संस्थान, बीबीनगर,
हैदराबाद मेट्रोपोलिटन क्षेत्र, तेलंगाना - 508126

File: AIIMS/BBN/MSO/DMS/2022-23/1402

Date: 25-01-2023

Subject: Proposal for Purchase of a software for the automated Beckman Coulter Unicel dxi 600 machine to commence double and quadruple marker testing for antenatal mothers for antenatal screening of congenital anomalies at AIIMS, Bibinagar- Inviting Comments/Objection thereon.

The institute is in the process of purchasing a software for the automated Beckman Coulter Unicel dxi 600 machine to commence double and quadruple marker testing for antenatal mothers for antenatal screening of congenital anomalies on proprietary basis from M/s Benetech Inc., 555 Richmond Street West, Suite 500, P.O. Box 704, Toronto ON Canada M5V 3B1 at AIIMS, Bibinagar through its authorized distributor M/s Beckman Coulter India Pvt. Ltd., Building 6A, 5th Floor, Unit No-401, 402 & 501 & 502, RMZ Ecoworld, Sarjapur-Marathalli Outer Ring Road, Bengaluru-560103. The proprietary certificate & Authorization Letter submitted are attached and uploaded on website.

The above documents are being uploaded for open information to submit objections/comments (if any), from any manufacture regarding proprietary nature of the above items within 21 days from the date of issue/uploading of the notification.

The comments should be sent to the Medical Superintendent, All India Institute of Medical Sciences, Bibinagar, Hyderabad Metropolitan Region (HMR), Telangana -508126 by post on or before 21 days from the date of publishing on website, failing which it will be presumed that any other vendor is having no comments to offer and case will be decided on merits.

N. Agarnul
25.1.2023

Medical Superintendent
AIIMS Bibinagar

Enclosure: Related Documents



Benetech

Date: 12th January 2023

PROPRIETARY ARTICLE CERTIFICATE

To Whomsoever it may concern

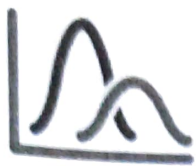
Benetech PRA is proprietary product of Benetech Inc., Canada. Benetech PRA is a Windows® based interpretive software tool used for prenatal risk assessment, using several Internationally recognized algorithms, it calculates a pregnant woman's individual risk of carrying a fetus affected by a variety of medical conditions.

Benetech PRA software is an exclusive and proprietary tool of Benetech Inc., Canada. Benetech PRA software is compatible only with Beckman Coulter Chemiluminescence Immunoassay Analyzer Systems for the usage of Double, Triple and Quadruple assay markers. No other prenatal risk assessment software is compatible with Beckman Coulter Chemiluminescence Immunoassay Analyzer Systems.

Serial No.	Part No.	Item Description
1	B39528	Benetech PRA First

Les Hansen
President
Benetech Inc.

500-555 Richmond St. W P.O. Box 704 Toronto, Ontario, Canada M5V 3B1



Benetech

Date: 12TH January 2023

AUTHORIZATION LETTER

To Whomsoever it may concern

Hereby we declare that **Beckman Coulter India Private Limited** is the sole authorized entity to import, promote, market, and provide service support for Benetech PRA software in India.

Thanking you,

Les Hansen

Les Hansen
President
Benetech Inc.

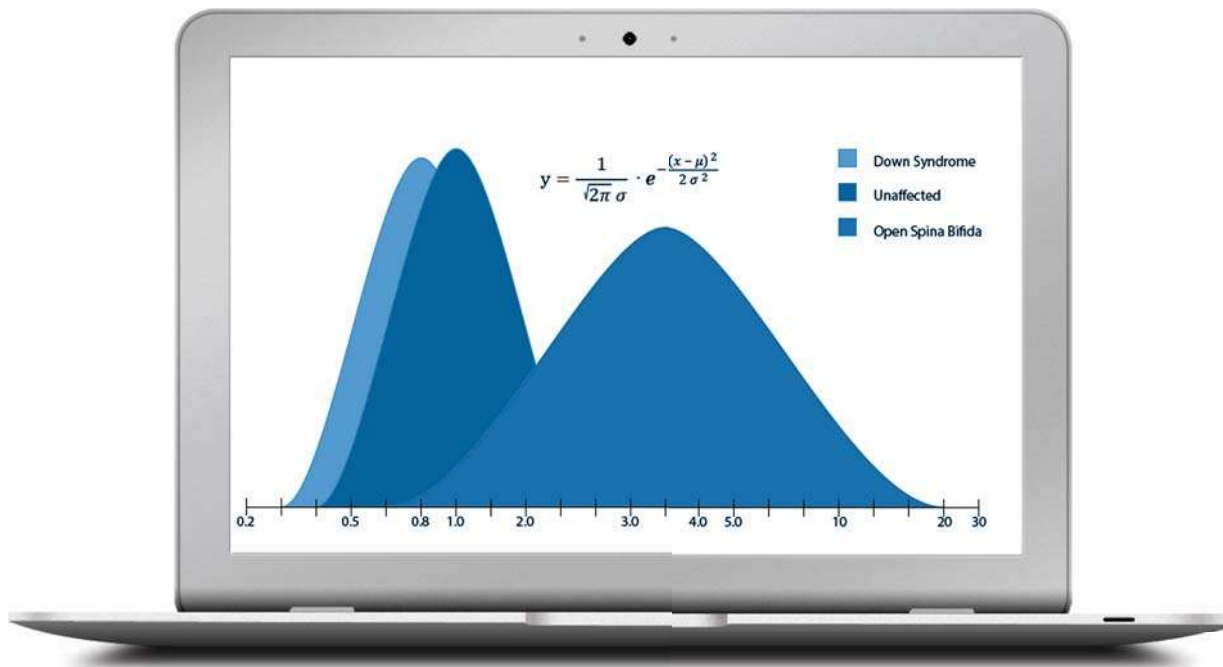
500-555 Richmond St. W P.O. Box 704 Toronto, Ontario, Canada M5V 3B1

A blue-tinted background image featuring a close-up of a microscope on the right side and a computer monitor in the center, slightly out of focus. The overall scene suggests a laboratory or clinical setting.

Benetech PRA

Prenatal Risk Assessment Software





Benetech PRA

Benetech PRA is Prenatal Risk Assessment screening software and is considered the gold standard for modern prenatal screening.

Benetech PRA calculates a pregnant woman's individual risk for carrying a fetus affected with Down Syndrome, Open Spina Bifida, Trisomy 18 and SLOS.

The risk can be calculated in the first trimester using age, NT, and a wide choice of serum markers. Or, in the second trimester using Triple, Quad, or Penta screen tests. Second trimester risk of OSB may be confirmed using Amniotic Fluid AFP. Risk can also be calculated using Integrated, Contingent or Sequential screening.

Markers

Benetech PRA is capable of using the following markers for screening:

First Trimester

- PAPP-A
- Choice of Total hCG or free beta hCG
- Dimeric Inhibin-A
- Placental Growth Factor (new)
- Nuchal Translucency
- Nasal Bone
- Ductus Venosus Pulsatility Index (new)

Second Trimester

- Amniotic Fluid AFP
- Choice of total hCG or free beta hCG
- Dimeric Inhibin-A
- Unconjugated Estriol
- Invasive Trophoblast Antigen
- Maternal Serum AFP

Tests

Benetech PRA can perform the following tests:

- Triple Screen, Quadruple Screen & Penta Screen
- Amniotic Fluid
- Serum Integrated Screening & Full Integrated Screening (including ultrasound)
- Contingent Screening
- Sequential Screening
- First Trimester Serum Screening & First Trimester Combined Screening (serum and ultrasound)

Product Versions

PRA Basic

PRA Basic provides the algorithm set for second trimester screening of Downs Syndrome, Trisomy 18, OSB and SLOS.

PRA First

PRA First includes all the features of PRA Basic *plus* the algorithm set for first trimester screening.

PRA Composite

PRA Composite includes all the features of PRA Basic and First, PLUS it includes a comprehensive selection of recognized algorithms for integrated, sequential and contingent screening.

Features

Ease of Use

Benetech PRA is designed to be easy to use from day one. With built-in intuitive workflow and intelligently designed menus, you always have quick and easy access to patient and sample data. Test results can be entered a number of different ways – to accommodate the practices of your lab.

Flexibility

PRA is designed to be flexible. It is in use in hospitals and labs in all parts of the world, is available in multiple languages, and can be tailored to the requirements of local populations. It allows for user-defined races and sub-populations with choice of race-specific medians, sonographer specific medians for NT and median adjustments for insulin dependent diabetes, smoking and Rh negative sub-populations. As well, the standard test panels within the product can be user-defined to meet the needs of any clinical practice. Each panel can have its own cut-offs, markers, etc. And they can be set up to accommodate batch processing to improve speed and efficiency within your lab.

Security

PRA contains multi-level security to protect your confidential patient data and clinical information. It includes rigorous audit trails that track changes made within the system and who made them.

Reporting

PRA ships with a variety of clear Interpretive Reports that give summaries of your data, as well as performing administrative functions such as printing letters requesting pregnancy outcome data. Many reports include graphical representations of the data. There are also many statistical, administrative and quality control reports for monitoring the effectiveness of your prenatal screening program, as well as extensive Nuchal Translucency reports.

Device and LIS Interfaces

Benetech has developed a number of proprietary software interfaces to connect PRA software directly to the devices and Lab Information Systems (LIS) found in most hospitals and labs. Connecting PRA directly to the other tools in your lab greatly improves your efficiency. It eliminates the need to enter data twice and decreases the data error rate. Our HL7 Interface software creates a bi-directional link between PRA and your LIS. It allows patient data and test result data to move back and forth between the two systems seamlessly.

And Many More...

PRA includes hundreds of product features to enhance your prenatal screening practice. Including:

- IVF data entry and risk adjustment
- IDDM and smoking status risk adjustment
- Support for the Wald/Rish algorithm for twins
- Pregnancy risk for twins as well as fetus specific risk for twins
- Pre-defined, user-amendable interpretive comments
- Automatic suggestion of gestational age method based on available input (CRL, BPD and/or Femur length)
- IVF transfer date and more

Customization

At **Benetech** we recognize that no two prenatal screening practices are the same. That's why we specialize in customizing our software to meet your needs. We can modify various aspects of **Benetech PRA** – such as report formats, or add additional components – such tube labelling, to create the ideal solution for your lab. Call us today to discuss how we can create a solution that works for you.

Easy to Interpret

All data entry and output screens in **Benetech PRA** are easy to read and easy to interpret.

Quality Service

At **Benetech** we pride ourselves on providing quality service to our customers. Our experienced team of software technicians are available to assist you with installation, configuration and technical support issues at all times.

Training can be customized to the specific needs of your team. Training is available both in-person or online.

Please contact us today to schedule an online demonstration of **Benetech PRA** or to start a [free 30-day trial](#) in your lab.



Search Patient Add/View Patient

Patient: Patient Code: WARDE Last Name: Warde First Name: Della DOB: 1973 May 20 Race: Other Acc #: 12345

Pregnancy: Para: 0 Grav: 0 LMP: 2002 May % History: < < > >

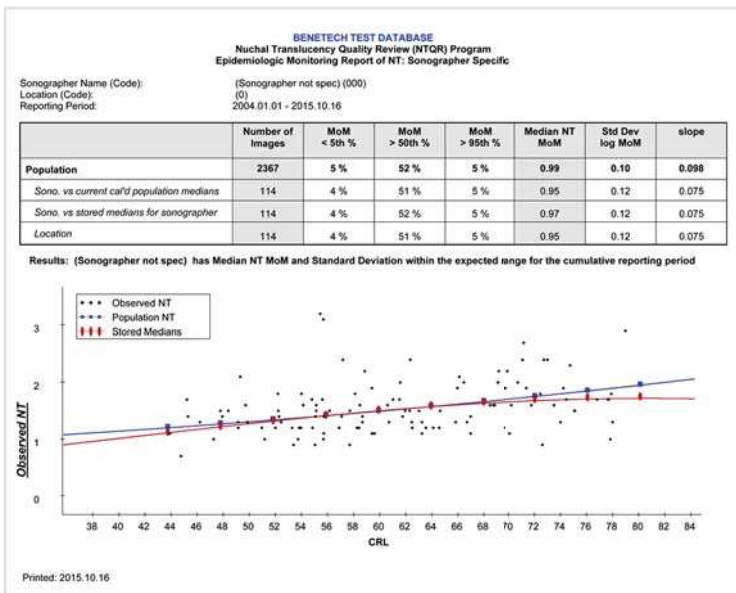
Requisition: REQ# REQ DATE Doctor Panel Est. By Add Pat. Close

Specimen: Spec Num Spec Date Pat Weight GA

Test Status: Interpreted: 340 510 699 791

SCREEN ***POSITIVE*** FOR RISK OF Open Spina Bifida

Result: AFP (ng/mL) 159.0 2002 Sep 12 3.90 uE3 (ng/mL) 0.44 2002 Sep 12 0.37 hCG (IU/mL) 23.1 2002 Sep 12 0.79 DIA (pg/mL) 241.0 2002 Sep 12 1.21

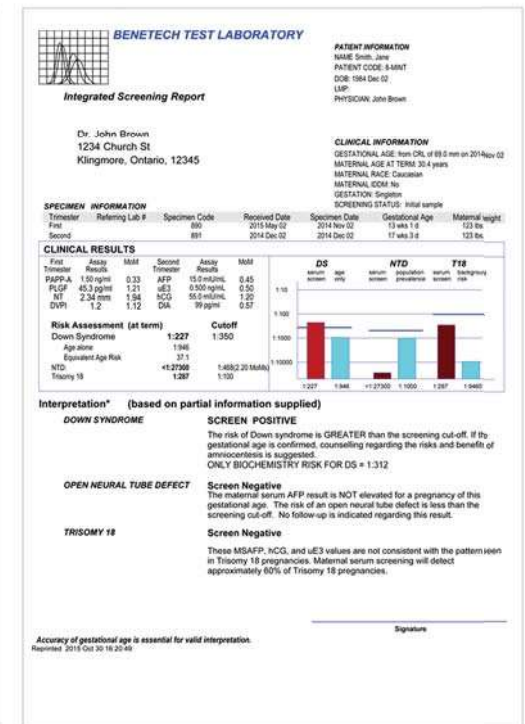
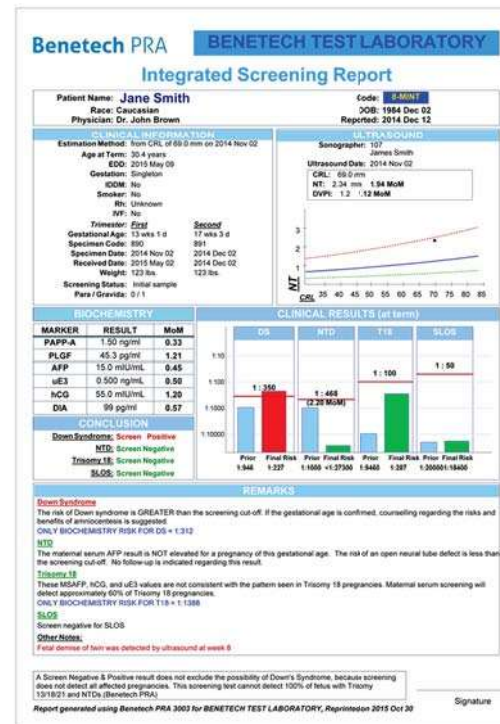


Nuchal Translucency Quality Review

Benetech PRA provides a sonographer specific NT monitoring report.

Patient Centric View

The Add/View Screen is the core of the **Benetech PRA** system. It contains a patient's demographic data and a list of pregnancies, requisitions, samples and assay results. Because different labs have different processes, there are several ways in which test results can be entered. For example, if patient and pregnancy data are entered before assays are performed, the assay results can later be entered for all incomplete sample records through a separate screen.



Reporting Made Easy

Interpretive reports in **Benetech PRA** can be generated individually or in batches. You can choose to print, save as a PDF or even email the report directly to the requester with a single mouse click. You can also create Provisional Reports while the sample remains in pending status in the database. Provisional Reports are clearly labeled with a large watermark.



Benetech Inc.

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(SR9061008,PDWS)



ISO 13485:2003

Benetech Inc.