



अखिल भारतीय आयुर्विज्ञान संस्थान पटना
ALL INDIA INSTITUTE OF MEDICAL SCIENCES PATNA

DEPARTMENT OF BIOCHEMISTRY

Dated: 17/01/2015

Ref: AIIMS/Pat/Admn/Prop/Biochem/Flowcytometer/Cons/2015/190

Subject: - Purchase of reagents, Consumables and Calibration Kit for Flowcytometer (Model: NAVIOS, Make: Beckman Coulter) for Department of Biochemistry AIIMS Patna on Proprietary basis- Inviting Comments thereon.

The Department of Biochemistry is going to procure the below cited reagents, Consumables and Calibration Kit for Flowcytometer (Model: NAVIOS, Make: Beckman Coulter) from Beckman Coulter on proprietary basis. The proposal submitted by Beckman Coulter and PAC 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/item within 15 days from the date of issue/uploading of the notification giving Reference: AIIMS/Pat/Admn/Prop/Biochem/Flowcytometer/Cons/2015/190

The comments should be sent to Professor & Head, Department of Biochemistry, AIIMS Patna on or before 02nd February, 2015 up to 5:00 P.M. by registered post/hand or email, failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

Yours sincerely

Dr Sadhana Sharma
Professor and Head,
Department of Biochemistry,
Email – sharmasadhana.7@gmail.com

Encl:

1 Quotation

2 PAC Certificate

Stem Cell reagents and non-consumables for Navios, Flowcytometer (Proprietary items of Backman Coulter, India Pvt. Ltd)

S.No.	Part Number	Description	Qty Reqd	Unit Price (INR)	Amount
1	IM3631	Stem-Comp Reagents 50t	1	32300.00	32300.00
2	IM3630	Stem-Kit Reagents 50t	1	83125.00	83125.00
3	IM3632	Stemtrol Control Cells-10t	1	12160.00	12160.00
				Total Amount	1,27,585.00

Total Cost (approx) for 1 year Rs. 1,27,585.00 only (One Lakh Twenty Seven Thousand Five Hundred Eighty Five Only)




Beckman Coulter India Pvt. Ltd.

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 410 Ansal Chambers II,
 6 Bhikaji Cama Place
 New Delhi 110 066, India
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PROPRIETARY CERTIFICATE
TO WHOM IT MAY CONCERN

This is to certify that BECKMAN COULTER FLOWCYTOMETER MODEL NAVIOS Bench-top flow cytometer is the industry leading system with various proprietary technologies covered under various US Patents. **This system performs on dedicated reagents, consumables and calibration kit manufactured by Beckman Coulter.**

BC NAVIOS™ system has the following proprietary technologies:

1. Multiple Forward Scatter Angles:

NAVIOS has flexibility in design of forward angle light scatter collection.

Forward Scatter Field Stop in NAVIOS gives user the choice of 2 angle ranges for Forward Scatter Collection:

- a) Standard Collection 1-19°
- b) Low Angle Collection 1-8°

The angle of 1-19° allows analysis of small sized particles (0.5-10 µm), bead - based assays, platelets with greater sensitivity, better for particles.

The angle of 1-8° allows analysis of large particles 8-40 µm particles with greater sensitivity.

2. First bench top Flow Cytometer with Three Lasers Ten Color Detection & Analysis Capability with upgradability of fourth laser:

NAVIOS has analysis capability of 12 Parameters (10 Colors and 2 Scatter parameters i.e. Forward Scatter & Side Scatter).

NAVIOS can accommodate up to following four solid-state lasers:

- Blue Solid State Diode: 488nm, 22mW laser output
- Red Solid State Diode: 638nm, 25mW laser output
- Violet Solid State Diode: 405nm, 40mW laser output
- Yellow Solid State Diode: 561nm, 21.5mW laser output
- Blue laser: FITC, PE, ECD, ECD, PC5, PC5.5, PC7 and dyes that emit light in a similar spectrum
- Red laser: APC, Alexa647, ACPAlexa700, APCCy7, APCAlexa750 and dyes that emit light in a similar spectrum
- Violet laser: Pacific Blue, Pacific Orange, Krome Orange and dyes that emit light in a similar spectrum
- Yellow Green Laser: DsRed, mCherry, mStrawberry, mBanana, mOrange, mPlum, mRaspberry, mTangerine, RFP, PE-Cy5, PE-Cy5.5, Alexa Fluor 546, Alexa Fluor 568, Alexa Fluor 594, Alexa Fluor 610 and dyes that emit light in a similar spectrum

Beckman Coulter India Pvt. Ltd.

Registered Office: Solitaire Corporate Park, 3rd Floor, Bldg 11, Andheri Ghatkopar Link Rd



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3. Sample Loading Flexibility: Manual and Automated Carousel inbuilt with Auto vortex of individual tubes before acquisition

Automated Multi Tube Loader: NAVIOS has the feature of automated multi-carousel loader with 32 tubes capacity.

Manual Mode: User also has choice of loading one sample tube at a time.

NAVIOS incorporates the Beckman Coulter vortex mechanism to individually vortex each tube in the carousel immediately prior to acquisition of sample, while avoiding over mixing.

Hence ensures homogeneity of each sample individually prior to analysis, protecting the fragile cell from over mixing.

4. Biohazard contained wash station inbuilt

NAVIOS has inbuilt & integrated Biohazard contained wash station rinses sample probe preventing carryover and ensures bio containment when handling the samples.

5. Annexure A:

List of proprietary reagent with specific clones for Navios Flow Cytometer attached.

We cannot guaranty performance of other company reagents usage in Navios Flow Cytometer.

Beckman Coulter India Private Limited is a wholly owned subsidiary of Beckman Coulter, USA.

For Beckman Coulter India Private Limited

Beckman Coulter India Pvt. Ltd.

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