

ALL INDAI INSTITUTE OF MEDICAL SCIENCES  
DR. BRA INSTITUTE OF ROTARY CANCER HOSPITAL  
ANSARI NAGAR, DELHI-110029

Date: 24 November 2025

**Sub:- Proposal for procurement of :**

1. MPN Panel Kit (24rxn).
2. AML Panel Kit, 10 Marker (24RXN).
3. ALL Panel Kit ,08 Markers (24rxn)


for Clinical Use on proprietary Basis. For Dept. of Lab Oncology at Dr. BRA IRCH, AIIMS New Delhi-110029 on PAC basis and invitation of comments /objections against consumables if any, thereof.

Dr. BRA Institute of Rotary Cancer Hospital, Delhi is in the process of Procuring

1. MPN Panel Kit (24rxn).
2. AML Panel Kit, 10 Marker (24RXN).
3. ALL Panel Kit ,08 Markers (24rxn) For Clinical Use on Proprietary Basis.

Therefore, this document is being uploaded on AIIMS Website for a period of 15 days, for open information to all OEM or their authorized distributor with the intention to invite comments and/or objections with regards to the proprietary nature of the aforesaid products if any.

The Comments / objections if any should be received in the office of the Stores Officer Room no. 18, Ground Floor, Dr. BRA IRCH AIIMS, Ansari Nagar-110029 within 15 days of issue of this letter with Contact details, failing which it will be presumed that no other bidder/ manufacturer /vendor is having any comments/objection against the proposition and the case will be decided purely on merit.

  
Asst. Store Officer  
Dr. BRA IRCH

**Enclosures:**

- Requisition from Prof. Ritu Gupta, Prof. & Head Lab Oncology.
- Quotation from firm M/s Invitro Lab Services.
- Rate reasonability
- PAC from M/s BlackBio Biotech India Ltd.
- PAC by user Dept.



1613152/2024/IRCH

LABORATORY ONCOLOGY UNIT, DR. B.R.A.I.R.C.H, AIIMS, NEW DELHI

Officer-In-Charge,  
Store Dr. BRAIRCH,  
AIIMS, New Delhi.

August 21, 2024

(Through Proper Channel)

**Subject:** Procurement of Reagents for Laboratory.

Sir,

You are requested to procure **MPN Panel Kit (24 rxn) -One kit**. This item is procured for first time for Molecular biology investigation. This is request for next six month. You are requested to do the needful at the earliest. Specification are attached herewith.

Thanking you

Sincerely

*Deepshi Thakral*

(Dr. Deepshi Thakral)

Scientist-II

Dr. Deepshi Thakral, PhD  
Officer-In-Charge, Laboratory Unit  
Store Dr. B.R.A.I.R.C.H, AIIMS,  
New Delhi-110029



### Technical Specification of MPN panel Kit (24RXN)

1. Kit should be based on Real-Time PCR chemistry.
2. The kit should include cDNA reagents.
3. Preference will be given to the Kit which comes with its own extraction kits for RNA extraction & DNA extraction.
4. Kit Should be able to detect the following targets on Real-Time PCR:
  - BCR-ABL1(Mmu)
  - MPL-W515L
  - MPL W515K
  - MPL W515A
  - MPL S505N
  - CALR Type 1
  - CALR Type 2
  - JAK2 V617F
5. Kit should be in multiple tube format so that each target can be detected and differentiated easily.
6. Provision of pick and choose a target should be provided in the kit.
7. The amplification run should not be more than 1 hour 45 min.
8. Kit should be sensitive enough to detect up to 10 copies & 1% mutations.
9. The kit supplied should be open-ended, and compatible with all open-channel RT-PCR machines available in the labs like Thermo fisher (ABI), Bio-Rad, Rotor-Gene Q, Roche LC-480 AriaMax Agilent etc.
10. The Assay should be CE(IVD) approved.
11. Kit should be approved by CDSCO and licensed by DCGI.
12. The kit should have a good user base to cross-check its performance since it is an important clinical decision test.
13. Vendor should perform validation run before the kit is purchased and only after satisfactory validation kit shall be considered for purchase.
14. Vendor should provide the 3-performance certificate as well as 3 financial years PO copies from any repudiated government hospital in India.
15. Vendor should have the 24x7 technical support (provide contact details).

*Deepshi Thakur*

Dr. Deepshi Thakur, MD, PhD  
Senior Lecturer, Department of Pathology  
All India Institute of Medical Sciences, New Delhi  
Phone: 011-26588111, 26588112, 26588113, 26588114, 26588115, 26588116, 26588117, 26588118, 26588119, 26588120, 26588121, 26588122, 26588123, 26588124, 26588125, 26588126, 26588127, 26588128, 26588129, 26588130, 26588131, 26588132, 26588133, 26588134, 26588135, 26588136, 26588137, 26588138, 26588139, 26588140, 26588141, 26588142, 26588143, 26588144, 26588145, 26588146, 26588147, 26588148, 26588149, 26588150, 26588151, 26588152, 26588153, 26588154, 26588155, 26588156, 26588157, 26588158, 26588159, 26588160, 26588161, 26588162, 26588163, 26588164, 26588165, 26588166, 26588167, 26588168, 26588169, 26588170, 26588171, 26588172, 26588173, 26588174, 26588175, 26588176, 26588177, 26588178, 26588179, 26588180, 26588181, 26588182, 26588183, 26588184, 26588185, 26588186, 26588187, 26588188, 26588189, 26588190, 26588191, 26588192, 26588193, 26588194, 26588195, 26588196, 26588197, 26588198, 26588199, 26588200, 26588201, 26588202, 26588203, 26588204, 26588205, 26588206, 26588207, 26588208, 26588209, 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Green Note-e/1613152/IRCH,  
MSK/2024-25

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES  
DR. B.R.A.I.R.C.H. ANSARI NAGAR, NEW DELHI-110029  
ANSARI NAGAR, NEW DELHI-110029**

**PROPRIETARY/ SPECIFIC BRAND GOODS CERTIFICATE**

1	Item/Type/Model No. required along with specification	Reagents for TRUPCR MPN Panel kit
2	Is the item a spare part attachment or accessory for an existing equipment	Consumables
3	Name of the manufacture/Sole distributor of the item	M/S 3B Black Biotech India Ltd. Through M/S Invitro lab services.
4	Are the sole manufactures/sole distributors of the item	Proprietary certificate submitted by the firm
5	IS there any other item with similar/equipment specification available in the market to meet the job requirement envisaged. Of the answer is yes, why the same can't be procured. Demanding	No, TRUPCR MPN Panel kit differentiate & detect up to 10 copies of fusion transcript in BCR-ABL1 and up to 1% mutant allele in background of 99% wild type allele the JAK 2; CALR; MPL gene in a single run in Myeloproliferative neoplasms samples.
6	What were the efforts made to locate alternative source of supply or use other substitutes	On line and Off line.
7	Why open/limited tender can't be resorted to, for locating alternative source.	Refer point 5
8	Are the propriety items certifying that the rates are reasonable or not	May Negotiate as per rules
9	Any other justification for procuring item for single source.	Refer point 5

I certified that the items 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 advert ages in meeting our functional requirement and limited tender system could be dispensed with as they would serve no useful purpose in the particular case.

*Dr. Ritu Gupta*  
**COUNTERSIGNED**  
(Head of the Department)  
Professor & Officer-in-Charge  
Laboratory Oncology  
Dr. B.R.A.I.R.C.H. Ansari Nagar, New Delhi-110029

**Faculty Member**

*Dr. Pranay Tanv*  
**Faculty Member**  
आचार्य / Professor  
प्रयोगशाला अणुवैज्ञान / Laboratory Onco  
डॉ. बी. रा. अ. स. रो. कैंसर अस्पताल/Dr. B.R.A.I.R  
अखिल भारतीय आयुर्विज्ञान संस्थान, नई दिल्ली  
All India Institute of Medical Sciences, New Delhi

*Dr. Sanjeev Kumar Gupta*  
**Faculty Member**  
आचार्य/Professor  
प्रयोगशाला अणुवैज्ञान/Laboratory Oncology  
संस्थान रोटीरी कैंसर अस्पताल/ Institute Rotary Cancer Hospital  
अखिल भारतीय आयुर्विज्ञान संस्थान नई दिल्ली-110029  
All India Institute of Medical Sciences, New Delhi-110029

*Dr. Deepshi Thakral*  
डॉ. दीप्ती ठाकराल/Dr. Deepshi Thakral, Ph.D.  
प्रयोगशाला अणुवैज्ञान इकाई  
अणुवैज्ञानिक-द्वितीय, प्रयोगशाला अणुवैज्ञान इकाई  
अखिल भारतीय आयुर्विज्ञान संस्थान नई दिल्ली-110029  
New Delhi-110029

*Dr. G. Smeeta*  
डॉ. जी. स्मिता/Dr. G. SMEETA  
अधीनस्थ प्राध्यापक/Associate Professor  
अणुवैज्ञानिक-द्वितीय, प्रयोगशाला अणुवैज्ञान इकाई  
अखिल भारतीय आयुर्विज्ञान संस्थान नई दिल्ली-110029  
New Delhi-110029



## Quotation

## INVITRO LAB SERVICES

2ND FLOOR SPACE NO. 22, F-90/33, OKHLA INDUSTRIAL AREA  
PHASE 1, ESI HOSPITAL, OKHLA INDUSTRIAL AREA PHASE 1,  
NEW DELHI, SOUTH EAST DELHI

New Delhi Delhi 110020

8826553253

GSTIN : 07DPNPK0094F2ZR

Quotation No : IVLS/2024-25/440

Date : 30-Nov-2024

Quotation Validity : 31-Mar-2025

Quotation For :

TO THE CHIEF

DR. B.R.A.I.R.C.H.

ALL INDIA INSTITUTE OF MEDICAL SCIENCES Delhi NEW- DELHI-  
110029

GSTIN 07AAATA4049H1ZY

Ship To

Name : TO THE CHIEF

GSTIN : 07AAATA4049H1ZY

Address : DR. B.R.A.I.R.C.H., ALL INDIA INSTITUTE  
OF MEDICAL SCIENCES Delhi NEW-  
DELHI- 110029

Sr. No.	Name of product	HSN/SAC	QTY	Unit	Rate	Less Discount	Taxable Value	CGST		SGST		Total
								Rate	Amount	Rate	Amount	
1	3B1303 TRUPCR MPN PANEL KIT,	38220090	1	24RXN	240000	120000.00 (50.0%)	1,20,000.00	6.00%	7200.00	6.00%	7200.00	1,34,400.00

Terms And Conditions :

1. This is an electronically generated document.
2. All disputes are subject to Delhi jurisdiction.

Taxable Amount : ₹ 1,20,000.00

Add : CGST : ₹ 7,200.00

Add : SGST : ₹ 7,200.00

Tax Amount : GST : ₹ 14,400.00

Total Amount : ₹ 1,34,400.00

## BANK DETAILS

Account Holder Name	Account No	IFSC code	Bank Name	Bank Branch Name
INVITRO LAB SERVICES	50200043227070	HDFC0001666	HDFC BANK LTD	EAST OF KAILASH

डॉ० प्रणय तनवर / Dr. PRANAY TANWAR  
अचार्य / Professor  
प्रयोगशाला अर्बुदविज्ञान / Laboratory Oncology  
डॉ० बी. रा. आर. सी. रो. कैंसर अस्पताल / Dr. B.R.A.I.R.C.H.  
अखिल भारतीय आयुर्विज्ञान संस्थान, नई दिल्ली  
All India Institute of Medical Sciences, New Delhi

डॉ० जी० सिमता / Dr. G. SMEETA  
सह-आचार्य / Associate Professor  
प्रयोगशाला अर्बुदविज्ञान / Laboratory Oncology  
डॉ० बी. रा. आर. सी. रो. कैंसर अस्पताल, अ.भा.आ.स.  
Dr. B.R.A.I.R.C.H., (AIIMS)  
नई दिल्ली-110029, New Delhi-110029

For, INVITRO LAB SERVICES

Authorized Signature



An ISO 13485:2016 Certified Company | A Subsidiary of Kirpest India Ltd.

## PROPRIETARY CERTIFICATE

TO WHOM SO EVER IT MAY CONCERN

We hereby confirm that we 3B Black Biotech India Ltd is sole manufacture of the "TRUPCR" range of products. We hereby confirm that the following products are our Proprietary products and no other manufacturer have the same product with same features in a single kit.

TRUPCR® Acute Myelogenous Leukemia (AML) panel kit 10 markers with the following Features:

- TRUPCR® AML panel Kit detect and differentiate the BCR-ABL1[e13a2 & e14a2 (p210),e1a2 (p190);PML-RARA (BCR1,BCR2,BCR3);AML1-ETO-RUNX1-RUNX1T1;CBFB-MYH11 (Type A, Type E, Type D);MLL-AF9 (ITD,TKD (D835Y, D835V, D835H & I836);NPM1 (Type A, Type B, Type D);C-KIT-D816V;RBM15-MKL1- RBM15\_MKL1\_e1-e5;DEK-CAN-DEK\_CAN\_e9-e18;SET-CAN- SET\_CAN\_e7-e18 with ABL1- Control gene from EDTA Blood / Bone Marrow sample on real time PCR.
- The kit comes with a carefully designed two steps protocol and each target is in a separate tube for high sensitivity (First step for cDNA preparation and second step for PCR amplification).
- The kit is sensitive to detect up to 10 copies of fusion transcripts (AML1-ETO, CBFB-MYH11, BCR-ABL1, PML-RARA, RBM15-MKL1, DEK-CAN, SET-CAN) and up to 1% mutant allele in background of 99% wild type allele (c-KIT, NPM1, FLT3-ITD and FLT3-ITD & TKD).

**TRUPCR® Acute Lymphoblastic Leukemia (ALL) panel kit 8markers with the following Features:**

- TRUPCR® Acute Lymphoblastic Leukemia panel kit detect and differentiate the E2A-PBX1 - TCF3-PBX1; TEL-AML1 - BCL2L14-RUNX1; MLL-AF4 (MLL\_AF4\_e10-e4, MLL\_AF4\_e9-e4, MLL\_AF4\_e9-e5, MLL\_AF4\_e11-e4, MLL\_AF4\_e9-e6); MLL-ENL (MLL\_ENL\_e9-e2, MLL\_ENL\_e10-e2); MLL-AF9 (MLL\_AF9\_e8-e9, MLL\_AF9\_e8-e10, MLL\_AF9\_e10-e6); MLL-AF6 - MLL\_AF6\_e9-e2; MLL-AF10 - MLL\_AF10\_e9-e4; BCR-ABL1 (e13a2 & e14a2 (p210, e1a2 (p190), e19a2 (p230) from EDTA Blood / Bone Marrow sample on real time PCR.
- The kit comes with a carefully designed two steps protocol and each target is in a separate tube for high sensitivity (First step for cDNA preparation and second step for PCR amplification).
- Kit is sensitivity to detect up to 10 copies of fusion transcripts in sample.

TRUPCR® Myeloproliferative neoplasms (MPN) panel kit with the following Features:

- TRUPCR® Myeloproliferative neoplasms (MPN) panel kit will detect and differentiate the BCR-ABL (Mmu); MPL-W515L; MPL W515K; MPL W515A; MPL S505N; CALR Type 1; CALR Type 2; JAK2 V617F on real time PCR.
- Kit is highly sensitive and offers sensitivity to detect up to 10 copies of fusion transcripts BCR-ABL1 and up to 1% mutant allele in background of 99% wild type allele for JAK 2, CALR and MPL genes.

is a proprietary product and is exclusively developed by M/s. 3B BlackBio Biotech India Limited, 7-C Industrial Area Govindpura, Bhopal - 462023 (M.P.) INDIA.

The above-mentioned products are thoroughly validated on clinical samples across government and private hospitals.

For 3B BlackBio Biotech India Limited




Authorized Signatory

डॉ. दीपशि थाकुर, पी.एच.डी.  
प्रमुख, प्रयोगशाला अणुदिविज्ञान इकाई  
Laboratory Oncology Unit  
एन.एम.आई.एस., नई दिल्ली-110029

C

Dr. G. SMEETA  
Late Professor

ent and private डॉ० प्रणय तंडर/Dr. PRANAY TANN  
 आपस्य / Professor  
 प्रयोगशाला अर्धवैज्ञान / Laboratory Oncol  
 डॉ. बी. रा. अ. सं. रो. के. वर अस्पताल/Dr. B.R.A.I.F  
 अखिल भारतीय वैद्यकीय संस्थान नई दि  
 All India Institute of Medical Sciences, New



डा. प्रमोद तिवारी / Professor  
प्रयोगशाला अर्बुदविज्ञान / Laboratory Oncol  
जी.भी.रा.अ.सं.के.नर.संस्थान/Dr. B.R.A.I.F  
अखिल भारतीय आयुर्विज्ञान संस्थान, नई दिल्ली  
All India Institute of Medical Sciences, New

*[Signature]*  
 Dr. H. N. Gupta / Dr. H. N. Gupta  
 Professor & Officer in Charge  
 Department of Applied Physics / Laboratory of Physics  
 P. O. Box 100, New Delhi-110029

file No. 1613152/IRCH/MSK/2024-2025. (Computer No. 3279461)



1613144/2024/IRCH

LABORATORY ONCOLOGY UNIT, DR. B.R.A.I.R.C.H, AIIMS, NEW DELHI

Officer-In-Charge,  
Store Dr. BRAIRCH,  
AIIMS, New Delhi.

August 21, 2024

(Through Proper Channel)

**Subject:** Procurement of Reagents for Laboratory.

Sir,

You are requested to procure **AML Panel Kit, 10 markers (24 rxn) - Four kits**. This item is procured for first time for Molecular biology investigation. This is request for next six month and should be procured on the basis of as and, when required. You are requested to do the needful at the earliest. Specification are attached herewith.

Thanking you

Sincerely

*Deepshi Thakral*  
Dr. Deepshi Thakral  
Scientist-II  
Laboratory Oncology Unit, Dr. B.R.A.I.R.C.H, AIIMS, New Delhi-110029

(Dr. Deepshi Thakral)  
Scientist-II



### Technical Specification of AML panel Kit (24RXN)

- 1 Kit should be based on Real-Time PCR chemistry.
- 2 The kit should include cDNA reagents.
- 3 Preference will be given to the Kit which comes with its own extraction kits for RNA extraction & DNA extraction.
- 4 Kit Should be able to detect following targets on Real Time PCR:
  - RUNX1-RUNX1T1
  - CBFβ-MYH11 (Type A, Type E, Type D)
  - BCR-ABL1(Major)
  - BCR-ABL1(Minor)
  - PML-RaRa (BCR1, BCR2, BCR3)
  - C-KIT- D816V
  - NPM1 (Type A, Type B, Type D)
  - FLT3- TKD (D835Y, D835V, D835H & I836)
  - FLT3-ITD.
  - DEK-CAN- DEK\_CAN\_e9-e18
  - RBM15-MKL1-RBM15\_MKL1\_e1-e5
- 5 Kit should be multiple tube format so that each target can be detected and differentiated easily.
- 6 The amplification run should not be more than 1hour 45 min.
- 7 Kit should be sensitive enough to detect up to 10 copies & 1% mutations.
- 8 The kit supplied should be open-ended, and compatible with all open-channel RT-PCR machines available in the labs like Thermo fisher (ABI), Bio-Rad, Rotor-Gene Q, Roche LC-480 AriaMax Agilent etc.
- 9 The Assay should be CE(IVD) approved.
- 10 Kit should be approved by CDSCO and licensed by DCGI.
- 11 The kit should have a good user base to cross-check its performance since it is an important clinical decision test.
- 12 Vendor should perform validation run before the kit is purchased and only after satisfactory validation kit shall be considered for purchase.
- 13 Vendor should provide the 3-performance certificate as well as 3 financial years PO copies from any repudiated government hospital in India.
- 14 Vendor should have the 24x7 technical support (provide contact details).

*Deepak Prasad*  
 Director, Laboratory Quality Unit  
 Scientist II, Laboratory Quality Unit  
 All India Institute of Medical Sciences  
 Sector 3, Institutional Area, New Delhi-110029





## Quotation

**INVITRO LAB SERVICES**  
 2ND FLOOR SPACE NO. 22, F-90/33, OKHLA INDUSTRIAL AREA  
 PHASE 1, ESI HOSPITAL, OKHLA INDUSTRIAL AREA PHASE 1,  
 NEW DELHI, SOUTH EAST DELHI  
 New Delhi Delhi 110020  
 8826553253  
 GSTIN : 07DPNPK0094F2ZR

Quotation No : IVLS/2024-25/438  
 Date : 30-Nov-2024  
 Quotation Validity : 31-Mar-2025

Quotation For :

TO THE CHIEF

DR. B.R.A.I.R.C.H.

ALL INDIA INSTITUTE OF MEDICAL SCIENCES Delhi NEW- DELHI-  
110029

GSTIN 07AAATA4049H1ZY

Ship To

Name : TO THE CHIEF

GSTIN : 07AAATA4049H1ZY

Address : DR. B.R.A.I.R.C.H. , ALL INDIA INSTITUTE  
OF MEDICAL SCIENCES Delhi NEW-  
DELHI- 110029

Sr. No.	Name of product	HSN/SAC	QTY	Unit	Rate	Less Discount	Taxable Value	CGST		SGST		Total
								Rate	Amount	Rate	Amount	
1	3B1401 TRUPCR AML PANEL KIT	38220090	4	24RXN	288000	576000.00 (50.0%)	5,76,000.00	6.00%	34560.00	6.00%	34560.00	6,45,120.00

Terms And Conditions :

1. This is an electronically generated document.
2. All disputes are subject to Delhi jurisdiction.

Taxable Amount	:	₹ 5,76,000.00
Add : CGST	:	₹ 34,560.00
Add : SGST	:	₹ 34,560.00
Tax Amount : GST	:	₹ 69,120.00
Total Amount	:	₹ 6,45,120.00

## BANK DETAILS

Account Holder Name	Account No	IFSC code	Bank Name	Bank Branch Name
INVITRO LAB SERVICES	50200043227070	HDFC0001666	HDFC BANK LTD	EAST OF KAILASH

For, INVITRO LAB SERVICES

Dr. G. SMEETA  
 सह-आचार्य/Associate Professor  
 प्रयोगशाला अणुद्विज्ञान/Laboratory Oncology  
 डॉ.बी.आर.ए.आई.आर.सी. (AIIMS)  
 Dr. B.R.A.I.R.C.H., (AIIMS)  
 F-90/33, New Delhi-110029

Dr. Deepshi Thakral  
 वैज्ञानिक-द्वितीय, प्रयोगशाला अणुद्विज्ञान/Scientist-II, Laboratory Oncology Unit  
 डॉ.बी.आर.ए.आई.आर.सी. (AIIMS)  
 Dr. B.R.A.I.R.C.H., (AIIMS), New Delhi-110029

डॉ. प्रणय तंवर/Dr. PRANAY TANWAR  
 आचार्य / Professor  
 प्रयोगशाला अणुद्विज्ञान / Laboratory Oncology  
 सं.रो.कैंसर अस्पताल/Dr. B.R.A.I.R.C.H.  
 राष्ट्रीय आयुर्विज्ञान संस्थान नई दिल्ली  
 Institute of Medical Sciences, New Delhi

Authorized Signature  
 Dr. SANJEEV KUMAR GUPTA  
 एम.डी. एम.बी. डी. एम.डी. DNB, DM  
 आचार्य/Professor  
 प्रयोगशाला अणुद्विज्ञान/Laboratory Oncology



Greenkle - Fibe

1613144/IRCH/  
MSK/2024-25

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES  
DR. B.R.A.I.R.C.H. ANSARI NAGAR, NEW DELHI-110029  
ANSARI NAGAR, NEW DELHI-110029**

**PROPRIETARY/ SPECIFIC BRAND GOODS CERTIFICATE**

1	Item/Type/Model No. required along with specification	Reagents for TRUPCR AML Panel kit, 10 markers
2	Is the item a spare part attachment or accessory for an existing equipment	Consumables
3	Name of the manufacture/Sole distributor of the item	M/S 3B Black Biotech India Ltd. Through M/S Invitro lab services.
4	Are the sole manufactures/sole distributors of the item	Proprietary certificate submitted by the firm
5	IS there any other item with similar/equipment specification available in the market to meet the job requirement envisaged. Of the answer is yes, why the same can't be procured. Demanding	No, TRUPCR AML Panel kit can differentiate & detect up to 10 copies of fusion transcript in AML1-ETO; CBFB-MYH11; BCR-ABL1; PML-RARA; RBM15-MKL1 DEK-CAN; SET-CAN and up to 1% mutant allele in background of 99% wild type allele the MLL-AF9; NPM1; C-KIT; FLT3-ITD & TKD gene in a single run in Acute myeloid Leukemia samples.
6	What were the efforts made to locate alternative source of supply or use other substitutes	On line and Off line.
7	Why open/limited tender can't be resorted to, for locating alternative source.	Refer point 5
8	Are the propriety items certifying that the rates are reasonable or not	May Negotiate as per rules
9	Any other justification for procuring item for single source.	Refer point 5

I certified that the items 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 advertised in meeting our functional requirement and limited tender system could be dispensed with as they would serve no useful purpose in the particular case.

**COUNTERSIGNER  
(Head of the Department)**

Dr. PITU GUPTA  
Professor & Officer-in-Charge  
Laboratory Oncology  
Dr. B.R.A.I.R.C.H. ANSARI NAGAR, NEW DELHI-110029

**Faculty Member**

Dr. Deepshi Thakral, Ph.D.  
Associate Professor  
Laboratory Oncology Unit  
Dr. B.R.A.I.R.C.H. ANSARI NAGAR, NEW DELHI-110029

**Faculty Member**

Dr. PRANAY TANW  
Professor  
Laboratory Oncology  
Dr. B.R.A.I.R.C.H. ANSARI NAGAR, NEW DELHI-110029

Dr. SANJEEV KUMAR GUPTA  
MD, DNB, DM  
Associate Professor  
Laboratory Oncology  
Institute Rotary Cancer Hospital  
All India Institute of Medical Sciences, New Delhi-110029

Dr. G. SMEETA  
Associate Professor  
Laboratory Oncology  
Dr. B.R.A.I.R.C.H. ANSARI NAGAR, NEW DELHI-110029



August 21, 2024

(Through Proper Channel)

Sir,

Thanking you

Deepshu Thakral

Scientist-II

Dr. Thakral)



### Technical Specification of ALL panel Kit (24RXN)

- 1 Kit should be based on Real-Time PCR chemistry.
- 2 The kit should include cDNA reagents.
- 3 Preference will be given to the Kit which comes with its own extraction kits for RNA extraction.
- 4 Kit Should be able to detect following targets on Real Time PCR:
  - E2A-PBX1-TCF3-PBX1
  - TEL-AML1-BCL2L14-RUNX1
  - MLL-AF4 (all 5 variant)
  - MLL-ENL (all 2 variant)
  - MLL-AF9 (all 3 variant)
  - MLL-AF6
  - MLL-AF10
  - BCR-ABL1 (Mmmu)
- 5 Kit should be multiple tube format so that each target can be detected and differentiated easily.
- 6 The amplification run should not be more than 1hour 45 min.
- 7 Kit should be sensitive enough to detect up to 10 copies.
- 8 The kit supplied should be open-ended, and compatible with all open-channel RT-PCR machines available in the labs like Thermo fisher (ABI), Bio-Rad, Rotor-Gene Q, Roche LC-480 AriaMax Agilent etc.
- 9 The Assay should be CE(IVD) approved.
- 10 Kit should be approved by CDSCO and licensed by DCGI.
- 11 The kit should have a good user base to cross-check its performance since it is an important clinical decision test.
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- 13 Vendor should provide the 3-performance certificate as well as 3 financial years PO copies from any repudiated government hospital in India.
- 14 Vendor should have the 24x7 technical support (provide contact details).

*Deepali Sharda*

Dr. Deepali Sharda, Senior Lecturer, Department of Pathology, All India Institute of Medical Sciences, New Delhi-110029  
 Dr. Deepali Sharda, Senior Lecturer, Department of Pathology, All India Institute of Medical Sciences, New Delhi-110029  
 Dr. Deepali Sharda, Senior Lecturer, Department of Pathology, All India Institute of Medical Sciences, New Delhi-110029



## Quotation

**INVITRO LAB SERVICES**  
 2ND FLOOR SPACE NO. 22, F-90/33, OKHLA INDUSTRIAL AREA  
 PHASE 1, ESI HOSPITAL, OKHLA INDUSTRIAL AREA PHASE 1,  
 NEW DELHI, SOUTH EAST DELHI  
 New Delhi Delhi 110020  
 8826553253  
 GSTIN : 07DPNPK0094F2ZR

Quotation No : IVLS/2024-25/439  
 Date : 30-Nov-2024  
 Quotation Validity : 31-Mar-2025

Quotation For :

TO THE CHIEF  
 DR. B.R.A.I.R.C.H.  
 ALL INDIA INSTITUTE OF MEDICAL SCIENCES Delhi NEW- DELHI-  
 110029  
 GSTIN 07AAATA4049H1ZY

Ship To

Name : TO THE CHIEF  
 GSTIN : 07AAATA4049H1ZY  
 Address : DR. B.R.A.I.R.C.H., ALL INDIA INSTITUTE  
 OF MEDICAL SCIENCES Delhi NEW-  
 DELHI- 110029

Sr. No.	Name of product	HSN/SAC	QTY	Unit	Rate	Less Discount	Taxable Value	CGST Rate	CGST Amount	SGST Rate	SGST Amount	Total
1	381405 TRUPCR ALL PANEL KIT	38220090	4	24RXN	288000	576000.00 (50.0%)	5,76,000.00	6.00%	34560.00	6.00%	34560.00	6,45,120.00

Taxable Amount : ₹ 5,76,000.00  
 Add : CGST : ₹ 34,560.00  
 Add : SGST : ₹ 34,560.00  
 Tax Amount : GST : ₹ 69,120.00  
 Total Amount : ₹ 6,45,120.00

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INVITRO LAB SERVICES	50200043227070	HDFC0001666	HDFC BANK LTD	EAST OF KAILASH



डॉ. प्रणय तंवर / Dr. PRANAY TANWA  
 आचार्य / Professor

प्रयोगशाला अर्बुदविज्ञान / Laboratory Oncology  
 डॉ. भी.रा.अ. सं. रो. कैंसर अस्पताल / Dr. B.R.A.I.R.C.H.  
 अखिल भारतीय आयुर्विज्ञान संस्थान नई दिल्ली  
 All India Institute of Medical Sciences, New Delhi

For, INVITRO LAB SERVICES



Authorized Signature