

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

Ref. No. 31/Prop./Pathology/AK/18-19/RS

Dated: 25.01.2019

Subject: Purchase of RNAScope 2.5 HD Reagent Kit Brown & RNAScope Probe-HPV-HR18 for Deptt. of Pathology, AIIMS, New Delhi-29 on proprietary basis- Inviting comments thereon.

The request has been received from **Prof.Aanchal Kakkar, Assistant Professor, Deptt. of Pathology, AIIMS** to purchase the subject item from **M/s.Premas Life Sciences Pvt. Ltd.(Mgf.M/s.BioTeche India Pvt.Ltd.)** on proprietary basis. The proposal submitted by **M/s.Premas Life Sciences 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. 31/Prop./Pathology/AK/18-19/RS**. The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before **09/02/2019 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 SCIENCES
DEPARTMENT OF PATHOLOGY
Ansari Nagar, New Delhi:- 110029

S.O. No. 02/AK/Path/2018-19

Date: 14/01/2019

PROPRIETARY/SPECIFIC BRAND GOODS CERTIFICATE

1.	Item/Type/model No. required	RNAscope®Probe -HPV-HR18
2.	Is the item a spare part attachment or accessory for an existing equipment	Probe kit for detection of HPV by CISH
3.	Name of the manufacturers/supplier of the item proposed by the indenter.	Premas Life Sciences Pvt. Ltd. E49/5, 11nd Floor, Okhla Phase II, Okhla Industrial Area, New Delhi, 110020, India
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 of use other substitutes	Internet search
7.	Why open/limited tender can't be resorted to, for locating alternative source.	Proprietary item
8.	Are the proprietary items certifying that the rates reasonable or not	Yes
9.	Any other justification for procuring item from single source	Yes (enclosed)

Signature of Indenter
(Demanding Officer)

(COUNTERSIGNED)
(Head of the Department)

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 advantages in meeting our functional requirements and limited tender system could be dispensed with as they would serve on useful purpose in this particular case.

(Strike out whichever is not applicable).

ALL INDIA INSTITUTE OF MEDICAL SCIENCES
DEPARTMENT OF PATHOLOGY
Ansari Nagar, New Delhi:- 110029

S.O. No. 01/AK/Path/2018-19

Date: 14/01/2019

PROPRIETARY/SPECIFIC BRAND GOODS CERTIFICATE

1.	Item/Type/model No. required	RNAscope®2.5 HDReagentKit-BROWN
2.	Is the item a spare part attachment or accessory for an existing equipment	It is the detection kit for RNAscope®Probe -HPV-HR18
3.	Name of the manufacturers/supplier of the item proposed by the indenter.	Premas Life Sciences Pvt. Ltd. E49/5, 11nd Floor, Okhla Phase II, Okhla Industrial Area, New Delhi, 110020, India
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 of use other substitutes	Internet search
7.	Why open/limited tender can't be resorted to, for locating alternative source.	Proprietary item
8.	Are the proprietary items certifying that the rates reasonable or not	Yes
9.	Any other justification for procuring item from single source	Yes (letter enclosed)

Signature of Indenter
(Demanding Officer)

(COUNTERSIGNED)
(Head of the Department)

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 advantages in meeting our functional requirements and limited tender system could be dispensed with as they would serve on useful purpose in this particular case.

(Strike out whichever is not applicable).

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DEPARTMENT OF PATHOLOGY
Ansari Nagar, New Delhi: - 110029

S.O. No. 01/AK/Path/2018-19

Date: 14/01/2019

"Certified that we (1) Dr. Aanchal Kakkar (2) Dr. Vaishali Suri (3) Dr. Rajni Yadav, Members of the purchase committee are jointly and individually satisfied that the goods recommended for purchase are of the requisite specification and quality, priced at the prevailing market rate, and the supplier recommended is reliable and competent to supply the goods in questions"



Dr. Aanchal Kakkar
Assistant Professor
Department of Pathology



Dr. Vaishali Suri
Professor
Department of Pathology



Dr. Rajni Yadav
Assistant Professor
Department of Pathology

ALL INDIA INSTITUTE OF MEDICAL SCIENCES
DEPARTMENT OF PATHOLOGY
Ansari Nagar, New Delhi: - 110029

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Dr. Aanchal Kakkar
Assistant Professor
Department of Pathology



Dr. Vaishali Suri
Professor
Department of Pathology



Dr. Rajni Yadav
Assistant Professor
Department of Pathology



Premas Life Sciences Pvt. Ltd.
E49/5, 1st Floor
Okhla Phase II, Okhla Industrial
Area, New Delhi, 110020, India
CIN: U51909DL2011PTC217592
GSTIN No.: 07AAGCP00799121

Prepared for:
Dr. Aanchal Kakkar
Assistant Professor, Department of Pathology
All India Institute of Medical Sciences
Ansari Nagar, New Delhi, 110029, INDIA
Hereinafter referred to as "AIMS"

Quotation Number: SQPLS/18-19/0251
Quotation Date: January 8, 2019
Expiration Date: February 7, 2019
Prepared By: Sandeep Prasad
Phone Number: 9810877313
Email: cs@premaslifesciences.com

II. PRODUCT & PRICING INFORMATION

Catalog #	Product Description	Unit Price (INR)	Disc. Customer Price	Qty.	Transaction value (INR)	HSN/SAC Code	GST %	GST Amount
32200	RNAscope® 2.5 HD Reagent Kit BROWN The RNAscope® 2.5 High Definition (HD) BROWN Assay, is based on ACCTA patented signal amplification and background suppression technology. The 2.5 HD version is a high sensitive RNA ISH method and can be used for low expressing gene targets. The chromogen diaminobenzidine (DAB) used in the assay is standard in molecular pathology and suitable for a wide range of sample types as well as ready to use under a standard brightfield microscope. Each RNAscope® 2.5 HD Reagent Kit BROWN provides enough reagents to stain ~20 tissue sections, each with an area of approximately 20 mm x 20 mm (0.75" x 0.75"). Each kit contains three sub-kits: RNAscope 2.5 HD Detection Reagents (BROWN) (Cat# 322210), RNAscope® 2.5 Pretreat Reagents-HD2 and Protease Plus (Cat# 322330), RNAscope Target Retrieval (Cat# 322000) and RNAscope Wash Buffer (Cat# 15591).	136,480.00	99,008.00	1	99,008.00	98220900	12.00	11,880.96
31291	RNAscope® Probe - HPV-18/18 HPV 18, 16, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66, 68, 73 and 82, E6/E7 mRNA	136,480.00	99,008.00	1	99,008.00	98220900	12.00	11,880.96
32230	RNAscope® Intro Pack 2.5 HD Reagent Kit BROWN RNAscope® Intro Pack 2.5 HD Reagent Kit BROWN. It is recommended for new users getting started with RNAscope assay on human samples. It includes required materials such as: RNAscope 2.5 HD Reagent Kit (BROWN) (PN322300), FFPE Control Slide Pack - Human Hela Cell Probe (PN310045), Hydrophobic Barrier Pen (PN 310018), Positive Control probe (pHPV) (PN 310050), and Negative Control Probe (pNC) (PN 310043). Users can use the control slides and the probes, to get familiar with the assay workflow and staining results.	160,888.00	136,754.80	1	136,754.80	98220900	12.00	16,433.58
Net Value								334,770.80
GST Amount								40,172.50
Total								374,943.30

Terms & Conditions:

- Prices Given FOR Bids.
- Delivery within 6 to 8 weeks from date of purchase order.
- Payment - 100% advance in favour of "Premas Life Sciences Pvt. Ltd."
- GST will be applicable as per govt rule at the time of invoicing.
- Order should be issued in favour of Premas Life Sciences Pvt. Ltd., E-49/5, 2nd Floor, Okhla Industrial Area Phase 2, New Delhi-110020.
- Dry ice and delivery charges @Rs.3500.00 will be charged extra per shipment if an order of upto Net Value Rs. 30,000.00.
- Road Permits/ Way Bill should be provided for dispatch of material, if any applicable.
- Above products are for research use only.
- GST No. is mandatory to mention in purchase order copy.
- Please share PO on call@premaslifesciences.com.
- Above quoted price are as per the current exchange rate, in case the exchange rate will increase beyond 5%, the same will be charged extra.
- If customer has GST certificate the GST will be applicable @9% as per notification 4/2017 date.
- 14.11.17. Customer has to provide the OSR along with confirmed PO.

For Premas Life Sciences Pvt. Ltd.

[Signature]
Dr. Aanchal Kakkar
Assistant Professor
Department of Pathology
All India Institute of Medical Sciences
Ansari Nagar, New Delhi-110029

[Signature]
Sandeep Prasad
Assistant Professor
Department of Pathology
All India Institute of Medical Sciences
Ansari Nagar, New Delhi-110029

[Signature]
Usma

Premas Life Sciences Pvt. Ltd.
E49/5, 1st Floor
Okhla Phase II, Okhla Industrial
Area, New Delhi, 110020, India
CIN: U51909DL2011PTC217592
GSTIN No.: 07AAGCP00799121



Premas Life Sciences Pvt. Ltd.
E49/5, 1st Floor
Okhla Phase II, Okhla Industrial
Area, New Delhi, 110020, India
CIN: U51909DL2011PTC217592
GSTIN No.: 07AAGCP00799121

Dated: Jan 14, 2019

The Director,
AIMS, Ansari Nagar,
New Delhi - 110029

Sub: Price Reasonability Certificate

CERTIFICATE

Dear Sir / Madam,

This is in reference to above cited our Quote no. SQPLS/18-19/0251, Dated: 8th Jan, 2019 for ACD Biosciences Reagents.

We hereby, certify that the price quoted in our quotation is not excess of the price quoted in India to any other customer.

For Premas Life Sciences Pvt. Ltd.

[Signature]
Authorized Signature

[Signature]
Dr. Aanchal Kakkar
Assistant Professor
Department of Pathology
All India Institute of Medical Sciences
Ansari Nagar, New Delhi-110029

[Signature]
Sandeep Prasad
Assistant Professor
Department of Pathology
All India Institute of Medical Sciences
Ansari Nagar, New Delhi-110029

[Signature]
Usma

bio-technne™
CIN: U51909MH2017FTC302647

BIO TECHNE INDIA PVT LTD
1206, Lodha Supremus, Senapati Bapat Marg,
Lower Parel (W) Mumbai 400013.
Tel: 022 4233 1800 FAX: 022 4233 1849.

1st January 2019

TO WHOMSOEVER IT MAY CONCERN

Bio-Techne is the parent organization for R&D Systems, Novus Biologicals, Tocris, ProteinSimple and Advanced Cell Diagnostics.

Advanced Cell Diagnostics (ACD) revolutionized the RNA *in situ* hybridization method and in 2011 introduced RNAscope® ISH for detection of target RNA within intact cells. The assay represents a major advance in RNA ISH approaches, with its proprietary probe design that simultaneously amplify target-specific signals and suppress background noise from non-specific hybridization. Known for its sensitivity and specificity, RNAscope® ISH is now a proven technology that has been featured in over 850 publications across a multitude of research areas.

This is to state that **Premas Life Sciences Pvt Ltd**, E - 49/5, IInd Floor, Okhla Phase II | New Delhi - 110020, is the Authorised and Exclusive distributor for Advanced Cell Diagnostics Products from Bio-Techne for North and East India. We do not have any other Distributor for these products in this region.

Further, the undersigned can be contacted for any further clarification that you may have regarding this.

Thanks and Sincere Regards,

(Madhujit Damle)
Commercial Sales Director
Bio-Techne India
Email: madhujit.damle@bio-technne.com
Mobile: +91-7738075153

Usw.

[Signature]

[Signature]
Dr. Anshu Sharma
Director of Sales
Premas Life Sciences Pvt Ltd
New Delhi

Email: info@bio-technne.com Web: <https://www.bio-technne.com>



RNAscope® 2.5 Reagent Kits – Differentiating Features



Advanced Cell Diagnostics is the sole manufacturer for RNAscope® 2.5 Products. HybEZ™ oven and its components, is a hybridization system designed and developed for RNAscope technology. Advanced Cell Diagnostics is the sole seller of the HybEZ™ System.

Product Description

RNAscope® 2.5 is a novel proprietary RNA in situ hybridization (ISH) method that enables sensitive detection and visualization of virtually any expressed gene in any tissue such as FFPE, Fresh frozen and fixed-human tissues.

Technology Overview

RNAscope 2.5 was designed to amplify target-specific signal without also amplifying the background signal, resulting in needed improvement in signal-to-noise ratio. This is accomplished by ACD's patented double X-probe design for in situ hybridization, where two independent probes (a double X probe pair) are required to hybridize in tandem to the target sequence in order for signal amplification to occur. Since it is highly unlikely that two independent probes will hybridize to a nonspecific target right next to each other, this design concept ensures highly selective amplification of target-specific signals, therefore improving both sensitivity and specificity.

A **Probe Amplifier (Pamp)** molecule hybridizes to each double X probe pair, and then multiple **Amplifier (AMP)** molecules hybridize to each Pamp. Finally, multiple HRP-labeled Label



Probes hybridized to each AMP. DAB substrate is added for colorimetric detection of target RNA. Fluorescent- or AP-labeled Label Probes can also be used for fluorescent or Fast Red detection of target RNA.

- Based on its patented probe design, RNAscope enables as much as 400-fold improvement over conventional RNA ISH, resulting in high detection sensitivity.
- Technology enables in situ detection of RNA molecules as small as 300bp, including degraded mRNA.
- ISH nature enables preservation of cellular and molecular content

RNAscope® 2.5 Kit Configuration

RNAscope® 2.5 Reagent Kits offer easy single-plus, multiplex, and automated detection of virtually any target RNA in situ using formalin-fixed paraffin-embedded tissue sections on slides. The easy format uses common reagents and protocols to provide uniform assay conditions for different target genes. All kits contain reagents in a convenient ready-to-use (RTU) format. RNAscope 2.5 Reagent Kits are designed for use with the HybEZ™ oven to provide the best manual assay performance with RNAscope. The HybEZ Hybridization System is recommended for routine performance of all Manual RNAscope 2.5 FFPE Assays.

Each kit includes all of the necessary assay reagents for in situ hybridization (except target probe) and contains reagents in a convenient ready-to-use (RTU) format for staining 20 slides. Each unit provides enough RNAscope 2.5 in situ hybridization reagents for staining 20 slides, based on standard slide tissue sections on the slide covering around 3/4"x3/4" area. The RNAscope 2.5 Reagent Kits contain the detection kit, protection kit, wash buffer and user documentation.

RNAscope® Target Probes are gene-specific probes available for nearly every gene in the human transcriptome.

RNAscope® 2.5 Key Differentiating Features

- 2-week turnaround for ANY gene, ANY species, ANY tissue
- Manual and fully automated assays with single day TAT
- Over 11,000 coding probes and growing
- Chromogenic or fluorescent assay readout
- Simultaneous multiplexing for ANY gene combination



RNAscope 2.5 products are covered by the following issued patents:

US Patent No. 7,708,198; 8,604,182; 8,688,361
EP Patent No. 2460853

RNAscope® Technology Publications

Find an updated list of all RNAscope publications on our website at
<http://www.acd.bio.com/technology/scientific-resources>

Wang, F. et al. RNAscope: A Novel In Situ RNA Analysis Platform for Formalin-Fixed Paraffin-Embedded Tissues. • *Journal of Molecular Diagnostics* January, 2012 • 14(1):22-28. [DOI:10.1016/j.jmoldi.2011.08.002](http://dx.doi.org/10.1016/j.jmoldi.2011.08.002)

Wang Z. et al. Automated Quantitative RNA In Situ Hybridization for Resolution of Heteroced and Heterogeneous HER2 (HER2) Status in Invasive Breast Carcinoma. *J of Mol Diagnostics* (2013). PMID: 23309905 doi:10.1016/j.jmoldi.2012.10.003

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Bury E.R., et al. Regulation of intestinal stem cell expansion and the regenerative response by Wnt. *Nature* (2013). doi:10.1038/nature11693

Schroeder et al. Herpesvirus-like virus causes disseminated infection and efficiently replicates in pulmonary endothelial cells without signs of disease. *J of Virology* (2013). doi: 10.1128/JVI.03291-12

Brown O. et al. Relevance of TNBS-Cells in Rats: A Methodological Study with Histologic, Histological and Transcriptomic Characterization and Correlation to EED. *PLoS* (2013). doi:10.1371/journal.pone.0054943

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Misra, M.A. et al. In situ analysis of HER2 mRNA in gastric carcinoma: comparison with fluorescence in situ hybridization, dual-color silver in situ hybridization, and immunohistochemistry. *Hum Pathol.* 2012 Oct 16; pii: S0046-8177(12)00298-7. doi: 10.1016/j.humpath.2012.06.022. [Epub ahead of print] PMID: 23084983

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Yan, K. S. et al. The intestinal stem cell niches Bmi1 and Lgr5 identify two functionally distinct populations. • *PNAS* • Jan, 2012 • 109(2):466-471. www.pnas.org/cgi/doi/10.1073/pnas.1118857109

Leach, J.S. et al. Transcriptionally Active High-Risk Human Papillomavirus Is Rare in Oral Cavity and Laryngeal/Hypopharyngeal Squamous Cell Carcinomas - A Tissue Microarray Study Utilizing E6/E7 mRNA In-Situ Hybridization. *Histopathology* • Feb, 2012

Turner, M.R. et al. Identification of a disease-defining gene fusion in epithelial hemangioendothelioma. *Science Translational Medicine* • Aug, 2011 • 3(106):56ra82. <http://www.sciencetranslationalmedicine.org/content/3/106/56ra82>

Ulloa, O.C. et al. High-Risk Human Papillomavirus E6/E7 mRNA Detection by a Novel In Situ Hybridization Assay Strongly Correlates With p16 Expression and Patient Outcomes in Oropharyngeal Squamous Cell Carcinoma. *American J of Surgical Pathology* • Sept, 2011 • 35(9):1343-50. <http://www.ncbi.nlm.nih.gov/pubmed/21836494>



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Journal of Neuroscience • June 8, 2011 • 31(23):8071-8071.
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Harmon, R.P. et al. Adenosquamous Carcinoma of the Head and Neck: Relationship to
Human Papillomavirus and Implications for the Literature. *Head & Neck Pathology* • June 2011 •
3(2):103-105. <https://www.hnp.org/pubs/doi/10.1007/s12105-011-9105-5>

NOTICE TO PURCHASER

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Diagnostics, Inc. in the United States or other countries.

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Handwritten signature

Dr. Joseph P. Harshbarger
Professor of Pathology
Department of Pathology
University of Texas at Austin
June 2011

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