



**QUOTATION NOTICE**

Inviting quotations for purchase of reagents and consumables required for research work under Extramural research project work of (Prof.) Dr. Rachita Nanda from eligible vendors.

**Project title: "Role of miR-145 systemic lupus erythematosus"** sanctioned by CCOST.

Sealed quotations are invited from intending registered Stockiest / Distributors having GST and relevant documents for above said item. The quotation should be submitted to the Office of Biochemistry, Medical College Building, 2<sup>nd</sup> Floor, gate no.-5, at AIIMS, Raipur within seven days, up to **25-02-2026** before 3pm. The quotations will be opened on the same day at 3:30 pm. Details of item are given as under:

<u>S. No</u> :	<u>Item Description</u>	<u>HSN code</u>	<u>Unit</u>	<u>Basic price per PCS</u>	<u>GST %</u>	<u>Total Price with GST</u>	<u>QTN required</u>	<u>Total Price</u>
1	<p>hsa-miRNA mimic; Accession: MIMAT0000437; Description: hsa-miR-145-5p mature miRNA; Hairpins: hsa-mir-145; Sequence: GUCCAGUUUCCCAGGAAU CCCU; Database links: RNAcentral, TissueAtlas, miRPathDBv2.0; Predicted Targets: Targetscan, Target miner, miRDB; The item should be Double-stranded oligonucleotides designed to mimic the function of endogenous mature miRNA, Chemically enhanced to preferentially program RISC with active miRNA strand, Up-regulate endogenous miRNA activity for functional enhancement studies. Applications- Supplement miRNA activity to study functional enhancement effects, Screen for miRNAs that regulate gene expression and affect cellular pathways, Elucidate miRNA involvement in normal biological and disease pathways, Identify and validate miRNA targets. Pack size-5nmol per pack</p>						01	
2	<p>miRNA Hairpin Inhibitors; hsa-mir-145-5p; mirnamature: mimat0000437; Suppress endogenous miRNA activity for loss-of-function studies; Single-strand RNA oligonucleotides designed with a proprietary modification pattern to enhance functionality and are available for all human miRNAs in the miRBase sequence database. RNA oligonucleotides with novel secondary structure designed to inhibit the function of endogenous miRNA; Chemically enhanced to</p>						01	



	improve efficacy and longevity; Applications: Suppress miRNA activity to study loss-of-function effects, Screen for miRNAs that regulate gene expression and affect cellular processes, Elucidate miRNA involvement in normal biological and disease pathways, Identify and validate miRNA targets. Pack size-5nmol per pack						
3	miRNA mimic negative controls; Mature miRNA- cel-miR-67; Accession No.: MIMAT0000039; Sequence: UCACAACCUCCUAGAAAGAG UAGA; Mol. Wt.: 14074 g/mol; Chemically modified double-stranded oligonucleotides designed to serve as negative controls for miRNA Mimic experiments. Pack size-5nmol per pack					01	
4	miRNA Hairpin Inhibitor negative controls; Chemically modified oligonucleotides designed to serve as negative controls for miRNA Inhibitor experiments. ID: cel-miR-67; Accession No.:MIMAT0000039; Sequence: UCACAACCUCCUAGAAAGAG UAGA; Mol. Wt.: 18379 g/mol; Applications: Non-targeting inhibitors for use as controls in miRNA inhibition experiments, Distinguish between specific inhibitor activity and background effects; Shipping and storage: miRNA reagents should be shipped as dried pellets at room temperature (23 °C). Under these conditions, they must be stable for at least four weeks. Upon receipt, miRNA reagents should be stored at -20 °C to -80 °C. Under these conditions, they are stable for at least one year. Pack size-5nmol per pack					01	
5	iTaq™ Universal SYBR® Green Supermix, 2x qPCR mix, contains dNTPs, iTaq DNA Polymerase, MgCl <sub>2</sub> , SYBR® Green I, enhancers, stabilizers, and a blend of passive reference dyes; Storage at -20°C; Guaranteed for 12 months protected from light in a constant temperature freezer; Repeated freeze/thaw cycles-Up to 10 times; Storage at 4°C; Guaranteed for 3 months protected from light; Polymerase- iTaq DNA polymerase; Hot-start mechanism- Antibody mediated; Hot-start activation- 95°C, 30 sec; Supermix concentration-2x; Thermal cycling protocol- Standard and fast;					02	



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	Instrument compatibility- Validated on all Bio-Rad and ROX-dependent Applied Biosystems real-time PCR instruments and Roche LightCycler 480, QIAGEN Rotor-Gene Q, Eppendorf Mastercycler ep realplex, and Stratagene Mx real-time PCR systems; Template compatibility- cDNA, genomic DNA, plasmid DNA; Detection method- SYBR® Green; Pack size- 200 rxn (200 reactions from 20 µl volume)						
6	<b>iScript™ cDNA Synthesis Kit</b> , includes 5x reverse-transcription reaction mix, iScript reverse transcriptase, nuclease-free water; Detect low-level target genes and conserve RNA during gene expression analysis — broad linear dynamic range of total input RNA (1 µg–1 pg) with a highly efficient RNase H+ MMLV reverse transcriptase; Utilize dilute RNA samples — reaction mix and iScript enzyme blend format allows up to 15 µl of RNA sample in a 20 µl cDNA synthesis reaction; Prevent 5' and 3' bias of your target genes and design primers in any region — optimum blend of oligo(dT) and random primers in the 5x supermix; Avoid skewed data from RNA degradation — potent blend of RNaseA inhibitor protects RNA during setup and reverse transcription; should be fast protocol (26-minute protocol); Storage at –20°C- Guaranteed for 12 months at –20°C in a constant temperature freezer (multiple freeze thaws not recommended); Pack size- 100 rxn (100 reactions from 20 µl volume)						01
7	<b>6-well plate</b> - With certificate of traceability and quality (one certificate per case). Culture Area- 9.6 sq. cm; Includes- Lid; Length (Metric)- 127.76 mm; No. per Case- 75/Cs.; No. per Pack- 1 Each; Packaging- Individually Packed; Product Type- Cell Culture Dish; Volume (Metric) Working- 3 mL; Width (Metric)- 85.46 mm; Material- Polystyrene; No. of Wells- 6; Sterility- Sterile; Surface Treatment- Nunclon Delta; Volume (Metric) Well-3 mL (Well) Well Shape- Flat Bottom (F-well); Flat well bottom and stackable; Raised well rims lower risk of cross contamination; Sterilized by gamma irradiation and certified to be non-pyrogenic; Excellent optical quality;						01



	Alphanumeric codes for well identification; Pack size- Case of 75 per pack							
8	<p><b>DMEM (Dulbecco's Modified Eagle Medium) (IX)</b>, liquid: + 4.5 g/L D-Glucose, + L-Glutamine, - Sodium Pyruvate; Cell Line- HeLa, 293, Cos-7, and PC-12; Cell Type- Primary Fibroblasts, Neurons, Glial Cells, HUVECs, Smooth Muscle Cells; Concentration- 1 X; For Use With (Application)- Mammalian Cell Culture; Glucose Concentration- 4500 mg/L; Manufacturing Quality- cGMP-compliant under the ISO 13485 standard Product Type- DMEM (Dulbecco's Modified Eagle Medium); Shelf Life- 12 Months From Date of Manufacture; Shipping Condition- Room Temperature; Classification- Animal Origin-free; Form- Liquid; Serum Level- Standard Serum Supplementation; Sterility- Sterile-filtered; Sterilization Method- Sterile-filtered; With Additives- High Glucose, Glutamine, Phenol Red; Without Additives- No HEPES, No Sodium Pyruvate; Endotoxin Testing- &lt;0.01 EU/mL; pH- 7.0 - 7.4; Osmolality- 320-355 mOsm/kg; Sodium Bicarbonate (NaHCO<sub>3</sub>)- 3700.0 mg/L; D-Glucose (Dextrose)- 4500.0 mg/L; Phenol Red- 15.0 mg/L; Pack size- 10x500ml per pack</p>						01	
9	<p><b>Phosphate Buffered Saline (PBS):</b> Balanced salt solution ideal for cell culture applications. It lacks calcium, magnesium, and phenol red, preventing cell adhesion and assay interference. Chemical Name or Material- Phosphate Buffered Saline (PBS); Color- Clear; Includes- No Calcium, No Magnesium; Manufacturing Quality- cGMP-compliant under the ISO 13485 standard; Osmolality- 280 - 315 mOsm/kg; Packaging- Bottle; Recommended Storage- Storage conditions: 15°C to 30°C; Shipping conditions: Room temperature; Shelf life: 24 months from date of manufacture; Sterility- Sterile-filtered; Concentration- 1 X; For Use With (Application)- Washing Cells Before Dissociation; Diluting Cells for Counting and Preparing Reagents; Transporting Cells or Tissue; Physical Form- Liquid; Quantity- 10 x 500 mL; Solution Type- Phosphate Buffered</p>						05	



	Saline; pH- 7.4; Endotoxin Testing- <0.01EU/mL; Osmolality- 280 - 315 mOsm/kg; Pack size 500ml per pack							
10	<b>Trypsin Phosphate Versene Glucose (TPVG) Solution: 1X</b> 0.1% Trypsin, 0.02% EDTA, 0.05% Glucose in Dulbecco's Phosphate Buffered Saline w/o Phenol red; Appearance- Clear colorless solution; pH- 7.00 - 7.60; Osmolality in mOsm/Kg H <sub>2</sub> O- 280.00 - 320.00; Sterility- No bacterial or fungal growth is observed after 14 days of incubation, as per USP specification; Cultural Response- Cell Dissociation Test; Shelf life of the product- 24 months; Product stability after thaw- about 2 weeks at 2-8°C. Pack size: 10x100ml per pack						01	
11	<b>Nunc Petri dish: Cell culture grade, Closure Included-Closure Included; Closure Material- Polystyrene; Gridded- Not Gridded; Includes- Airvent; No. per Case- 240/Cs.; No. per Pack- 10 Pk.; Packaging- Resealable Bags; Quantity- 10 Pk., 240/Cs.; Shape- Round; Type; Cell Culture Dish- Vent- Lid with air vent; Volume (Metric) Working- 12.5 mL; Bottom Shape- Flat; Capacity (Metric)- 12.5 mL (Well); Culture Area- 56.7 sq. cm; Diameter (Metric)- 100 mm; Height (Metric)- 21 mm; Material- Polystyrene; Sterility- Sterile; Surface Treatment- Nunclon Delta; Well Count- 1; Surface Treatment: Nunclon Delta; Gridded: Not Gridded; Pack size- case of 240 per pack</b>						01	

1. Rate should be mentioned in words & figure both.
2. Taxes/GST, if any (Kindly mention in above table)
3. **Delivery schedule: within 30 days from the date of issue of P.O.** (i.e. on or before date: - - 2026).
4. No additional documents related to this NIQ will be entertained after opening of NIQ.
5. Price should be FOR Destination basis (i.e. PI, Department of Biochemistry, AIIMS Raipur).
6. LD @ 0.5% of delayed supply per week or part of week for delay of supply of material subject to maximum up to 10% should be deducted. After expiry of delivery period material cannot be accepted without extension of delivery period.
7. Quotation No/Name and due date of opening must be written on top of the envelope.
8. **Brand, Make & Warranty should be clearly mentioned in the offer.**
9. **Tender/quotation specific authorization of OEM/Manufacturer must be submitted with the offer/bid.**
10. GST rates applicable on your quoted item may please be confirmed. **HSN code for each item should be clearly mentioned.**



11. Please confirm if there is any change (Upward/Reduction) in the Basic Price structure. And you are also required to pass the Input Credit as per the following Anti Profiteering Clause of GST.  
“Upon Implementation of GST, any reduction in the rate of tax on supply of goods or service or the benefit of input tax credit shall be passed on to AIIMS Raipur by way of commensurate reduction in the prices”
12. The **GST registration details** may please be furnished.
13. **RTGS details** required for payment purposes are also attached with **invoice/bill**.
14. 100% payment against receipt and acceptance of material.
15. No part supply or part payment will be entertained.
16. **Validity of offer** should not be less than 90 days.
17. Supply, installation and commissioning will be done by the firm (if applicable).
18. **The quantity in the above column is totally tentative. It can be increased or decreased at the time of placement of order.**
19. **AIIMS, Raipur reserves the right to place the order for full or part quantity to one or more firms.**
20. The product should be superior quality and high standard. Product expiry **should be a minimum of 12 months from the date of delivery of items to the PI.**
21. **Repeat Order Clause:** - If essentially stipulated by indenting authority, which is duly approved by competent authority of AIIMS Raipur. Then the purchaser retains the right to place the repeat order for an additional quantity of the equipment with the same rate.
22. **E-way bill** is required as per the guidelines.
23. Invoice to be dispatched along with the material.

  
19/02/2026

Principal Investigator (PI)

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