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Ref. ....

Date 7/1/23 ..... 20

## NOTICE

QUOTATIONS ARE INVITED IN SEALED ENVELOPE WITHIN 15(FIFTEEN DAYS) FROM DATE OF PUBLICATION OF THIS NOTICE ADDRESSING "PRINCIPAL, RAMMOHAN COLLEGE" FOR THE CHEMICALS (LIST ATTACHED). QUOTATIONS HAVE TO BE SUBMITTED TO "PRINCIPAL, RAMMOHAN COLLEGE".



  
Bursar  
Rammohan College  
Kot-9

**Chemicals list under BOOST GRANT**

| Sl. No | PCR and Agarose gel   |          |
|--------|---|----------|
| 1      | Trizol Reagent (Product name: PureZOL™ RNA Isolation Reagent, Code No.: 7326890, Company: Biorad)                     | 100ml    |
| 2      | Chloroform  | 500ml    |
| 3      | Ethanol (Alcohol)   | 500ml    |
| 4      | DEPC (Product Name: Experion DEPC-Treated Water, Code No.: 7007253, Company: Biorad)                                  | 100ml    |
| 5      | Bromophenol blue (Product Name: Bromophenol Blue, Code no.: 1610404, Company: Biorad)                                 | 10gm     |
| 6      | Xylene cyanol (Product Name: Xylene Cyanole FF, Code no.: 1610423, Company: Biorad)                                   | 25gm     |
| 7      | Ethidium Bromide (EtBr) (Product name: Ethidium Bromide Solution, 10 mg/mL, Code no. 1610433, Company: Biorad)        | 10ml     |
| 8      | Formamide (Product name: Formamide, code no.: 17899, Company Name: Thermo Scientific™)                                | 100ml    |
| 9      | MOPS (Product Name: MOPS Sodium Salt, Product Code: M9381-100G, Company name: Sigma Aldrich)                          | 100g     |
| 10     | cDNA Synthesis kit (iScript™ cDNA Synthesis Kit, 100 x 20 µl rxns, Product Code No.: 1708S91, Company name: Biorad)   | 1 Packet |
| 11     | PCR KIT (Product Name: Taq PCR Core Kit (1000 U), Product Code No. catalogue. No. / ID: 201225, Company Name: QIAGEN) | 1 Packet |
| 12     | Primer: Forward and Reverse (Melatonin receptor, MT1 and MT2)   |          |
| 13     | DNA Ladder (Product name: PCR 100 bp Low Ladder, Product Code: P1473-1VL, Company name: Sigma Aldrich)                | 1 Vial   |
| 14     | APS (Company: Sigma-Aldrich)  |          |
| 15     | TEMED (Company: Sigma-Aldrich)  |          |
| 16     | Acrylamide (Company: SRL)   |          |
| 17     | Bis-acrylamide (Company: SRL)   |          |
| 18     | Glycine (Company: Sigma-Aldrich)  |          |
| 19     | β-Mercaptoethanol (Company: Sigma-Aldrich)  |          |
| 20     | Bromophenol blue (Company: SRL)   |          |
| 21     | Coomassie brilliant blue (Company: SRL)   |          |
| 22     | α-Naphthyl acetate (Company: Sigma-Aldrich)   |          |
| 23     | Fast blue RR (Company: Sigma-Aldrich)   |          |
| 24     | Ponceau red (Company: Sigma-Aldrich)  |          |
| 25     | Whatman paper (Company: millipore)  |          |
| 26     | Nitrocellulose membrane (Company: ThermoFisher)   |          |
| 27     | Tween-20 (Company: SRL)   |          |
| 28     | BSA (Company: SRL)  |          |
| 29     | Rabbit raised primary polyclonal antibody (PS3, Caspase3, BAX, PCNA) (Company: Santacruz)                             |          |
| 30     | Anti-rabbit HRP conjugated Secondary antibody (Company: Santacruz)  |          |
| 31     | 3,3'-Diaminobenzidine powder ((Company: SRL)  |          |
| 32     | Hydrogen peroxide ((Company: SRL))  |          |
| 33     | Lactate dehydrogenase A (SAE0049-10KU) CAS No: 9001-60-9 Company: Sigma-Aldrich                                       | 10KU     |
| 34     | NADH (NS129) Company: Sigma-Aldrich   | 50 mg    |
| 35     | Pyruvic acid (107360) Company: Sigma-Aldrich  | 25 gm    |
| 36     | Darunavir (SML0937) Company: Sigma-Aldrich  | 10 mg    |
| 37     | Paritaprevir (CAS No. : 1216941-48-8) Cayman chemicals  | 5 mg     |
| 38     | Oxamic acid Company: Sigma-Aldrich  | 25 gm    |