



**DEPARTMENT OF BIOCHEMISTRY**  
(DST-FIST Sponsored Department)  
**UNIVERSITY OF KERALA**



(Established as University of Travancore by the Travancore University act in 1937 and reconstituted as University of Kerala by the Kerala University act of 1957 and presently governed by the Kerala University act of 1974 passed by the Kerala state Legislative Assembly)

(Re – accredited by NAAC with ‘A<sup>++</sup>’ Grade)

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07-11-2022

**QUOTATION NOTICE**

**DEPARTMENT OF BIOCHEMISTRY, UNIVERSITY OF KERALA**

(BCH/NP/QN-06/2022-23/DEPT.FUND)

Competitive quotations are invited for the purchase of the following **Chemicals, Biochemicals and Consumables** with make and specifications detailed below. Sealed quotations addressed to Professor and Head, Department of Biochemistry, University of Kerala, Kariavattom campus, Thiruvananthapuram-695581 should reach on or before **15.11.2022 at 4 P.M.**

| Sl. No                              | Name & Description of Item                      | Product Code | Make | Quantity | Unit |
|-------------------------------------|---|--------------|------|----------|------|
| <b>CHEMICALS &amp; BIOCHEMICALS</b> |   |              |      |          |      |
| 1                                   | Acetone pure, 99%                               | 31566        | SRL  | 500 ml   | 1    |
| 2                                   | Safranin 0.5 w/v aqueous solution               | 16593        | SRL  | 125 ml   | 1    |
| 3                                   | Kovac's reagent for indoles                     | 81662        | SRL  | 100 ml   | 1    |
| 4                                   | Agar powder regular grade for bacteriology      | 19661        | SRL  | 100 g    | 1    |
| 5                                   | Silica gel fumed 200 (Hydrophilic)              | 84210        | SRL  | 100 g    | 1    |
| 6                                   | Acrylamide 3X crystal extrapure AR 99.9%        | 15657        | SRL  | 100 g    | 1    |
| 7                                   | Ammonium phosphate Monobasic extrapure AR 99.9% | 61563        | SRL  | 500 g    | 1    |

|    |  |       |     |         |   |
|----|--|-------|-----|---------|---|
| 8  | N-N'-Methylene Bisacrylamide<br>3X crystal extrapure AR 99.5%  | 38516 | SRL | 25 g    | 1 |
| 9  | Bromophenol blue extrapure AR  | 11458 | SRL | 5 g     | 1 |
| 10 | 2-Mercaptoethanol pure 99%   | 69892 | SRL | 100 ml  | 1 |
| 11 | Magnesium Chloride<br>Hexahydrate extrapure AR 99%   | 69396 | SRL | 500 g   | 1 |
| 12 | Magnesium Chloride<br>forMolecular Biology   | 69396 | SRL | 500 g   | 2 |
| 13 | Peptone Bactobio for<br>bacteriology   | 95292 | SRL | 500 gms | 1 |
| 14 | Sucrose for Molecular Biology  | 27580 | SRL | 500 gms | 1 |
| 15 | Sodium Chloride extra pure AR,<br>99.9%  | 41721 | SRL | 500 gms | 1 |
| 16 | Sodium hydroxide pellets<br>purified, 97%  | 96311 | SRL | 500 gms | 1 |
| 17 | Acrylamide 3X crystal extra pure<br>AR, 99.9%  | 15657 | SRL | 100.gms | 1 |
| 18 | Mac Conkey Brothw/ Neutral<br>Red (B/S)  | 54056 | SRL | 500 gms | 1 |
| 19 | Yeast extract for Bacteriology   | 34266 | SRL | 500gms  | 1 |
| 20 | Sodium Nitrate extrapure AR,<br>ACS, 99%   | 44618 | SRL | 500 gms | 1 |
| 21 | Tris Buffer Superior extrapure<br>AR, ACS, 99.9%(Tris<br>(hydroxymethyl) aminomethane<br>Tromethamine) | 79420 | SRL | 100 gms | 1 |
| 22 | Stannous Chloride Dihydrate<br>Pure, 97%   | 91068 | SRL | 100 gms | 1 |
| 23 | Starch hydrolysed extra pure for<br>biochemistry (for starch Gel<br>Electrophoresis)                   | 86106 | SRL | 100 gms | 1 |
| 24 | Acetone extrapure AR, 99.5 %   | 15168 | SRL | 500 ML  | 1 |
| 25 | Potassium Iodate extrapure AR<br>99.9%   | 11041 | SRL | 100 gms | 1 |
| 26 | Sodium Phosphate dibasic and<br>Anhydrous extrapure AR, 99%  | 66273 | SRL | 500 gms | 1 |
| 27 | Cupric Sulphate Pentahydrate<br>extrapure AR, 99.5%  | 61298 | SRL | 500 gms | 1 |
| 28 | D- Fructose extrapure for<br>biochemistry (D- Levulose)  | 42868 | SRL | 100 gms | 1 |
| 29 | Magnesium chloride<br>Hexahydrate MB 99.5%   | 91417 | SRL | 250 gms | 1 |
| 30 | Manganese chloride<br>tetrahydrate   | 12551 | SRL | 500g    | 1 |

|    |  |       |     |                     |   |
|----|--|-------|-----|---------------------|---|
| 31 | Sodium Sulphate Anhydrous<br>Extrapure AR,99.5%                            | 59977 | SRL | 500 gms             | 1 |
| 32 | Ninhydrin extrapure AR, 99%  | 55058 | SRL | 10 gms              | 1 |
| 33 | Urea extrapure AR, 99.5 %  | 69120 | SRL | 500 gms             | 1 |
| 34 | Potassium Chloride extrapure<br>AR, 99.5%                                  | 38630 | SRL | 500g                | 1 |
| 35 | L- Methionine extrapure CHR  | 19305 | SRL | 25gms               | 1 |
| 36 | L- cystine extrapure CHR, 99%  | 35751 | SRL | 25 gms              | 1 |
| 37 | Ammonium Molybdate Tetra<br>hydrate extrapure AR, 99%                      | 10299 | SRL | 250 gms             | 1 |
| 38 | Calcium Chloride fused   | 84336 | SRL | 500 gms             | 1 |
| 39 | Charcoal Activated (950)<br>Granular extrapure                             | 48088 | SRL | 500 gms             | 1 |
| 40 | L- cysteine hydrochloride<br>monohydrate , Exiplus Multi<br>compendial 99% | 69029 | SRL | 100 gms             | 1 |
| 41 | P- Dimethylaminobenzaldehyde<br>extrapure AR, 99%                          | 14003 | SRL | 100 gms             | 1 |
| 42 | Magnesium sulphate Dried<br>extrapure AR                                   | 50014 | SRL | 500 gms             | 1 |
| 43 | Sodium hydrogen Sulphate<br>extrapure AR, 99%                              | 98060 | SRL | 500 gms             | 1 |
| 44 | Mercuric Sulphate extrapure<br>AR,99%                                      | 20846 | SRL | 100 gms             | 1 |
| 45 | Creatinine extrapure AR, 99%<br>for testing of creatinine in blood         | 19428 | SRL | 25 gms              | 1 |
| 46 | Trichloroacetic acid extrapure<br>99%                                      | 90544 | SRL | 500 gms             | 1 |
| 47 | Trichloro acetic acid  | 54290 | SRL | 500ml               | 1 |
| 48 | D(-) Tartaric Acid extrapure 99%   | 28682 | SRL | 100 gms             | 1 |
| 49 | Brilliant Blue R-250 for<br>molecular biology                              | 93473 | SRL | 5 gms               | 1 |
| 50 | Cedarwood Oil Natural for<br>microscopy                                    | 31018 | SRL | 30 ml (3<br>bottle) | 1 |
| 51 | Iso amyl alcohol   | 57020 | SRL | 2500ml              | 1 |
| 52 | Gelatin  | 24426 | SRL | 500g                | 1 |
| 53 | Folins Ciocalceu reagent   | 39520 | SRL | 100ml               | 5 |
| 54 | DMSO   | 24075 | SRL | 500ml               | 1 |
| 55 | Lead nitrate   | 64972 | SRL | 500g                | 1 |

|                    |   |               |           |          |    |
|--------------------|---|---------------|-----------|----------|----|
| 56                 | Luria Bertani Agar (LB Agar) w/v Sodium Chloride        | 97970         | SRL       | 100 gm s | 1  |
| 57                 | Luria Bertani Broth (LB Broth) w/v Sodium Chloride      | 22006         | SRL       | 100 gms  | 1  |
| 58                 | Sucrose   | 90701         | SRL       | 500g     | 2  |
| 59                 | Glucose   | 16191         | SRL       | 500g     | 2  |
| 60                 | Triton X 100 for Molecular Biology                      | 64518         | SRL       | 500 ml   | 2  |
| 61                 | Triton X 100 Extra Pure for Scintillation               | 30190         | SRL       | 1000ml   | 3  |
| 62                 | MTT   | 33611         | SRL       | 500mg    | 2  |
| <b>CONSUMABLES</b> |   |               |           |          |    |
| 63                 | Proline Plus 4- pack 20 Proline Plus 1 Channel Pipettes | LH- 728672    | Sartorius | 1        | 1  |
| 64                 | Proline Plus 4- pack 20 Proline Plus 1 Channel Pipettes | LH-728673     | Sartorius | 1        | 1  |
| 65                 | Syringe filter Filter 0.2µm                             | SFPS33R       | Axiva     | 50/pck   | 6  |
| 66                 | Syringe filter Filter 0.45µm                            | SFPS33X       | Axiva     | 50/pck   | 10 |
| 67                 | 15ml sterile tubes                                      | SCT-15ml-25-S | Axygen    | 25*2     | 1  |
| 68                 | 50 ml Sterile Tubes                                     | SCT-50ml-25-S | Axygen    | 25*2     | 1  |
| 69                 | Microcentrifuge Tube 1.5 ml                             | MCT-150-C     | Axygen    | 1000 nos | 1  |
| 70                 | Microcentrifuge Tube 2 ml                               | MCT-200-C:    | Axygen    | 1000 nos | 1  |
| 71                 | Microtips 10µl  | T-300         | Axygen    | 1000 nos | 1  |
| 72                 | Microtips 200µl   | T-200-Y       | Axygen    | 1000 nos | 1  |
| 73                 | Micropipette tips (0.2-10µL) Pack                       | 521000        | Tarsons   | 1000 nos | 4  |
| 74                 | Micropipette tips (2-200µl)                             | 521010        | Tarsons   | 1000 nos | 4  |
| 75                 | Micropipette tips (200-1000µl)                          | 521020        | Tarsons   | 500 nos  | 5  |
| 76                 | 15ml centrifuge tube                                    | 546021S       | Tarsons   | 500 nos  | 1  |
| 77                 | 50ml centrifuge tube                                    | 546041        | Tarsons   | 250 nos  | 1  |

|    |   |           |         |                 |   |
|----|---|-----------|---------|-----------------|---|
| 78 | Maxiamp PCR <sup>®</sup> tubes (0.2ml)-flat | 510051    | Tarsons | 1000            | 1 |
| 79 | Rectangular Carboy with Stopcock – 20 L     | 683243    | Tarsons | 4 Nos           | 1 |
| 80 | Beaker- 50 ml                               | 421010    | Tarsons | 12/pck          | 1 |
| 81 | Beaker- 100 ml                              | 421020    | Tarsons | 12/pck          | 1 |
| 82 | Beaker- 250 ml                              | 421040    | Tarsons | 12/pck          | 1 |
| 83 | Beaker- 500 ml                              | 421050    | Tarsons | 6/pck           | 2 |
| 84 | Beaker- 1000 ml                             | 421060    | Tarsons | 4/pck           | 3 |
| 85 | Plate stand                                 | 141040    | Tarsons | 5 Nos           | 1 |
| 86 | Boss Head Clamp                             | 141070    | Tarsons | 10 Nos          | 1 |
| 87 | Handy pipette aid                           | 032000    | Tarsons | 4/pck           | 5 |
| 88 | Rack for Micro tube                         | 210010    | Tarsons | 6/pck           | 3 |
| 89 | Ice Bucket                                  | 525160    | Tarsons | 6/pck           | 1 |
| 90 | Autoclavable Bags                           | 550024    | Tarsons | 100/pck         | 1 |
| 91 | Micro tips (10µl)                           | BGT-10Z   | Borosil | 10*96 tips/rack | 1 |
| 92 | Micro tips (200µl)                          | BGT-200Z  | Borosil | 10*96 tips/rack | 1 |
| 93 | Micro tips (1000µl)                         | BGT-1000Z | Borosil | 10*96 tips/rack | 1 |
| 94 | T25 flask for adherent cells                | TCG3      | Himedia | 10X 10          | 1 |
| 95 | T75 Flask for adherent cells                | TCS5      | Himedia | 10X 5           | 1 |
| 96 | Cell culture plates 60mm                    | TCP007    | Himedia | 50X10           | 1 |
| 97 | Cell culture plates 35mm                    | TCP006    | Himedia | 50X10           | 1 |
| 98 | 96 well plate                               | TPG96     | Himedia | 1x 50No         | 2 |
| 99 | 24 well plate                               | TPG24     | Himedia | 1x 50No         | 1 |

|     |                                 |         |         |         |   |
|-----|---------------------------------|---------|---------|---------|---|
| 100 | 6 well plate                    | TPG6    | Himedia | 1x 50No | 1 |
| 101 | Beaker- 100 ml                  | 7010024 | Riviera | 40 No   | 1 |
| 102 | Beaker- 250 ml                  | 7010036 | Riviera | 40 No   | 1 |
| 103 | Beaker- 500 ml                  | 7010044 | Riviera | 40 No   | 1 |
| 104 | Beaker- 1000 ml                 | 7010054 | Riviera | 40 No   | 1 |
| 105 | Conical Flask- 100 ml           | 7140024 | Riviera | 40 No   | 1 |
| 106 | Conical Flask- 250 ml           | 7140036 | Riviera | 40 No   | 1 |
| 107 | Conical Flask- 500 ml           | 7140044 | Riviera | 40 No   | 1 |
| 108 | Conical Flask- 1000 ml          | 7140054 | Riviera | 40 No   | 1 |
| 109 | Pipette Graduated to tip- 1 ml  | 1000133 | Riviera | 36 No   | 1 |
| 110 | Pipette Graduated to tip- 2 ml  | 1000141 | Riviera | 36 No   | 1 |
| 111 | Pipette Graduated to tip- 5 ml  | 1000153 | Riviera | 36 No   | 1 |
| 112 | Pipette Graduated to tip- 10 ml | 1000160 | Riviera | 36 No   | 1 |

The firms who wish to supply the items are requested to submit the quotation in sealed cover to the undersigned not later than **4pm on 15.11.2022**. Kindly mention our Sl. No and the quantity for the products you are quoting. Quotations will be opened on **16.11.2022** in the presence of such tenderers or their authorized representatives who may be present at that time.

Sd/-  
HOD

