

**Centre for Nanoscience and Nanotechnology, University of Kerala,
Kariavattom, Thiruvananthapuram-695581
Ph. No. 0471 2308863**

Extension of last date of quotation

Ref: Our Quotation Notice No. KU/CNST/QN-8/2013-14 dated 13-8-2013

With reference to the quotation notice mentioned above, which has been published in the Notice Board of this Centre, for the supply of **Chemicals and Biochemicals**, it is notified that the last date for submission of quotations is extended from 20-9-2013, 3:00 pm to **03-10-2013, 3:00 pm**. The quotation notice is also given below.

23-9-2013

S/d
Honorary Director

**Centre for Nanoscience and Nanotechnology, University of Kerala,
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Ph.No. 0471 2308863**

Quotation Notice

No. KU/CNST/QN-8/2013-14

Quotations are invited for the supply of the following **Chemicals and Biochemicals**. Kindly quote your lowest price for the items.

Sl. No.	List of chemicals	Quantity	Make
1.	Titanium(IV)Chloride, 99.9%, trace metals basis	100mL	Sigma Aldrich
2.	Iron (III) Chloride, reagent grade, $\geq 98\%$, purified lumps, vapour pressure 1mmHg (194 °C)	250g	Sigma Aldrich
3.	Iron (II) sulfatseptahydrate, <i>ReagentPlus</i> [®] , $\geq 99\%$, vapour pressure 14.6 mmHg (25 °C), density , 1.898 g/mL at 25 °C(lit.)	500g	Sigma Aldrich
4.	Palladium (II) Chloride, Assay 99.999%, density 4 g/mL at 25 °C(lit.)	5g	Sigma Aldrich
5.	Ruthenium Chloride, 99.98%, trace metals basis, form: powder and chunks	5g	Sigma Aldrich
6.	Titanium (IV) oxide, anatase, nanopowder, <25 nm particle size, 99.7% trace metals basis , spec. surface area 45-55 m ² /g, density 3.9 g/mL at 25 °C(lit.)	100g	Sigma Aldrich
7.	Cerium (IV) oxide, nanopowder, <25 nm particle size (BET), density 7.13 g/mL at 25 °C (lit.)	25g	Sigma Aldrich
8.	Zinc nano powder, <50 nm particle size, $\geq 99\%$, trace metals basis, BET surf. area 35-50	5g	Sigma Aldrich
9.	Titanium (IV) isopropoxide, Assay 99.999%, trace metals basis , liquid form, refractive index $n_{20/D}$ 1.464(lit.)	25mL	Sigma Aldrich
10.	Pentakis(dimethylamino)tantalum, Assay 99.99%, solid form, mp 100 °C (dec.) (lit.)	5g	Sigma Aldrich
11.	Copper Phthalocyanine	Minimum quantity	MERCK/ Sigma Aldrich /Alpha Aeser/Fluka
12.	sc-311437 MMP-9 Inhibitor I	500ug	Santa Cruz
13.	sc-204092 MMP-2 Inhibitor I	10mg	Santa Cruz
14.	sc-6840 MMP-9 Antibody (C-20)	200ug/ml	Santa Cruz
15.	sc-6840 PMMP-9 (C-20) P	100 µg/0.5 ml	Santa Cruz
16.	sc-13595 MMP-2 Antibody (8B4)	200 µg/ml	Santa Cruz
17.	B2551, Brewer thioglycollate medium	500gm	Sigma

18.	H 3149, Heparin Sodium Salt from porcine intestinal mucosa	100ku	Sigma Aldrich
19.	T 4299, Trypsyn EDTA Solution	100ml	Sigma
20.	sc-8304, VCAM-1- antibody (H276)	100ml	Santa Cruz
21.	FNN 0021, NP40 Cell lysis Buffer	100ml	Invitrogen
22.	FNN 011, Cell extraction Buffer	100ml	Invitrogen
23.	C8487, Anti-Caspase 3, Active antibody Produced in rabbit	200UL	Sigma
24.	Fetal Bovine serum - pH : 6.8 - 8.2, Osmolality : 280 – 340 mOsm/Kg, Endotoxin : Value EU/ml, Hemoglobin : < 20mg/dl	500ml	Himedia
25.	DMEM medium – With 4500 mg/L glucose, L-glutamine, and sodium bicarbonate, without sodium pyruvate, liquid, sterile-filtered, suitable for cell culture	500ml	Sigma Aldrich
26.	Chitosan – 200-800 cP, 1 wt. % in 1% acetic acid, solubility - dilute aqueous acid	50g	Sigma Aldrich
27.	Chondroitin- 4 -sulphate – optical activity $[\alpha]_{20/D} -25 \pm 5^\circ$, c = 1% in H ₂ O, impurities $\leq 10\%$, H ₂ O: soluble 0.1 g/mL	10g	Sigma Aldrich
28.	Poly-L-lactic acid - mol wt: M _n 99,000 M _w 152,000, degradation time frame > 3 years, impurities $\leq 0.5\%$ water, ign. residue $\leq 0.1\%$, viscosity ~ 2.0 dL/g, 0.1 % (w/v) in chloroform (25 °C)	10g	Sigma Aldrich
29.	Tetrahydrofuran – Anhydrous, Impurities ≤ 20 ppm peroxide (asH ₂ O ₂), < 0.002% water, Bp: 65-67 °C (lit.), mp: -108 °C (lit.)	100ml	Sigma Aldrich
30.	Membrane filter, 0.22 μ m	1 pack	Fischer Scientific
31.	Silicate Cover Glass, 13mm diameter	1pack	Thermo Scientific

The sealed quotations should reach the “Honorary Director, Centre for Nanoscience and Nanotechnology, University of Kerala, Kariavattom, Thiruvananthapuram-695581 on or before 20-9-2013, 3:00 pm.

13-8-2013

Honorary Director