

Tissue Engineering Lab

S.No.	Type of experiment	**Charges (Rs.)		
		Internal	External	Industry
01	Cell adhesion along with fluorescent imaging (per sample)	1500	2500	4000
02	Cytotoxicity analysis (per sample)	500	800	1300
03	Fluorescan based DNA staining and analysis (per sample)	1000	2000	3000
04	Fluorescent staining of cells/DNA and imaging using inverted fluorescent microscopy (per hour)	1200	1800	2600
05	Use of inverted fluorescent microscopy (imaging only) (per hour)	600	1500	2500
06	Time lapsed cell imaging in Phase contrast microscope (per hour)	1500	3500	6000
07	Phase contrast microscope (per hour)	500	1000	3000
08	Bioprinter (Cellink BioX)	## On experimental basis		

Nanobiotechnology Lab

S. No.	Instrument	Specification		**Charges (Rs.)			
				Internal	External	Industry	
01	Antibacterial Activity	Gram Positive E. coli & Gram Negative S. aureus	One Organism	Duplicates per Sample	200	250	500
			Two Organism		400	500	1000
			One Organism	Triplicates per sample	250	350	700
			Two Organism		500	700	1400
02	* Ultracentrifuge	Optima XPN 100	100 Ti	1500 /hr	2000 /hr	4000 /hr	
			70 Ti	1125 /hr	1500 /hr	3000 /hr	
			SW 41 Ti	1125 /hr	1500 /hr	3000 /hr	
03	Phase Contrast			750 /hr	1000 /hr	2000 /hr	
04	Fluorescence Microscope	Nikon Upright Microscope Eclipse Ni - U		800 /hr	1075 /hr	2150 /hr	
05	Ion Chromatography	(883 Basic IC Plus) & Metrohm AG 9100 Herisau, Switzerland	#Anion Column	200	250	300	
			Fluoride	150	200	250	
			Chloride	150	200	250	
			Nitrite	150	200	250	
			Bromide	150	200	250	
			Nitrate	150	200	250	
			Phosphate	150	200	250	
			Sulphate	150	200	250	
			#Cation Column	200	250	300	
			Lithium	150	200	250	
			Sodium	150	200	250	
			Ammonium	150	200	250	
			Potassium	150	200	250	
			#Nucleosile column	200	250	300	
			Magnesium	150	200	250	
			Calcium	150	200	250	
			Strontium	150	200	250	
Nickel	150	200	250				
Zinc	150	200	250				
06	Water analyzing Kits	Aqua Check, Water analysis System – simple & Easy	Reactive silica	100	150	250	
			Lead	150	200	300	
			Iron	100	150	250	
			Arsenic	150	200	300	
07	General Water parameters	Eutech Instruments	pH	75	100	150	
			Total Dissolved Solids	100	150	200	
			Salinity	100	150	200	
			Resistivity	100	150	200	
			Conductivity	100	150	200	
08	Dynamic Light Scattering (DLS)	Malvern Panalytical Zetasizer-ZS	Particle Size analyser	250	350	800	
			Zeta potential	350	500	1200	
			Particle Size analyser + Zeta potential	500	700	1800	

Ultracentrifuge tubes Details

Rotor	Tubes		Max Fill Volume (ml)	Max Speed/ RCF/ K factor	**Charges (Rs.)
	Description	Part number			
100 Ti	Quick-seal polyallomer bell-top (2ml)	345829	2.0	100 000 rpm 802 000 x g 17	518.00
	Quick-seal polyallomer bell-top (6ml)	344619	6.0	100 000 rpm 802 000 x g 15	572.00
	Quick-seal polyallomer bell-top (3.5ml)	349621	3.5	100 000 rpm 802 000 x g 9.4	464.00
70 Ti	Polycarbonate bottle and cap assembly (26.3ml)	355618	26.3	60 000 rpm 371 000 x g 59	4749.00
	Ultra-Clear (38.5ml)	344058	38.5	60 000 rpm 371 000 x g 59	603.00
	Thickwall polyallomer (30ml)	355642	30.0	60 000 rpm 371 000 x g 59	1020.00
	Thickwall polycarbonate (13.5ml)	355630	13.5 (min-7)	40 000 rpm 151 000 x g 104	1159.00
	Thickwall polycarbonate (4ml)	355645	4.0 (min-2.5)	45 000 rpm 102 000 x g 69	1221.00
SW 41 Ti	Quick-seal polyallomer (3.5ml)	355870	3.5	41 000 rpm 288 000 x g 27	495.00
	Quick-seal konical polyallomer (8ml)	358649	8.0	41 000 rpm 288 000 x g 108	681.00
	Thin wall polyallomer (13.2ml)	331372	13.2	41 000 rpm 288 000 x g 124	660.00
	Ultra clear (13.2ml)	344059	13.2	41 000 rpm 288 000 x g 124	603.00

** 18 % GST is applicable for all the analysis.

Depends on bioink, bioink volume, biomodel- contact rsk@psgias.ac.in for further details

* Tube Charges will be applied additionally.

number of ions and charges depends on column used- contact rsk@psgias.ac.in for further details.

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Payment : DD payable at Coimbatore in favour of “PSG Centre for Sponsored Research and Consultancy”