



भारतीय समवेत औषध संस्थान
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)
नहर मार्ग, जम्मू तवी-१८० ००१ (भारत)

CSIR- INDIAN INSTITUTE OF INTEGRATIVE MEDICINE

(Council of Scientific & Industrial Research)

Canal Road, Jammu-Tawi-180 001(INDIA)

PRICE LIST

PHARMACOLOGY

S.No	Detail of Technical service	Price (INR)	Duration
Cytotoxic activity against human cancer cell lines (Method Sulphorhodamine B Assay)			
1	Cytotoxicity against one cell line (three concentrations)	4500/- per sample	30 days
2	Cytotoxicity against 24 cell lines (three concentrations)	100,000/-per sample	30 days
3	Eight point IC50 determination against one cell line	12,000/- per sample	30 days
Price for > 50 samples (single concentration in triplicate)-INR 4,000/sample			
Human cancer cell based cell death measurements(Method: MTT or XTT Assay)			
4	< 10 samples (single concentration in triplicate against 5-7 cell lines of various cancers)	12,000/sample	
5	Price for < 10 samples (2 concentrations in triplicate against 5-7 cell lines of various cancers)	22,000/sample	
6	Price for 10-50 samples (single concentration in triplicate against 5-7 cell lines of various cancers)	11,000/sample	
7	Price for 10-50 samples (2 concentrations in triplicate against 5-7 cell lines of various cancers)-	20,000/sample	
8	Price for > 50 samples (single concentration in triplicate against 5-7 cell lines of various cancers)	10,000/sample	
9	Price for > 50 samples (2 concentrations in triplicate against 5-7 cell lines of various cancers)-	18,000/sample	
10	IC50 Value Determination (6-8 points) per sample	INR 37,000/-	

In vivo Anticancer studies against			
11	Ehrlich Ascites Carcinoma in non-inbred mice (4 groups) n=7 per group (Parameters: Per cent Tumor Growth Inhibition by one sample at two dose levels)	90,000/-	30 days
12	Sarcoma-180 (Ascites) in BALB/c mice (4 groups) n=7 per group (Parameters: Per cent Tumor Growth Inhibition by one sample at two dose levels)	90,000/-	30 days
13	Ehrlich Tumor (solid) in non-inbred mice (4 groups) n=7 per group (Parameters: Per cent Tumor Growth Inhibition by one sample at two dose levels)	90,000/-	30 days
14	Sarcoma-180 (solid) in BALB/c mice (4 groups) n=7 per group (Parameters: Per cent Tumor Growth Inhibition by one sample at two dose levels	90,000/-	30 days
15	L1210 Lymphoid leukemia in CDF1 mice (4 groups) n=6 per group (Parameters: Per cent increase in life span by one sample at two dose levels)	120,000/-	45 days
16	P388 Lymphocytic leukemia in CDF1 mice (4 groups) n=6 per (Parameters: Per cent increase in life span by one sample at two dose levels)	120,000/-	45 days
17	4T1 mouse mammary carcinoma model for metastasis Method: Implantation of 4T1 cells in mammary pad of BALB/c mouse (Parameters: Effect of test sample(s) on the metastatic nodule formation)	1,50,000/- per sample at two doses	45 days
18	PC-3M-luc2 Prostate cancer xenograft in NOD.SCID mice (4 groups) n=6 per group	400,000/-	12 weeks
18.1 Parameters: Per cent Body wt. change Median tumor volume change		By one sample at two dose levels and by positive control at one dose level in comparison to the	

Median tumor growth Inhibition Per cent T/C graph Tumor growth delay			
19	HeLa-luc (Human adenocarcinoma of cervix) xenograft in NOD.SCID mice (4 groups) n=6 per group <u>Parameter same as 18.1</u>	400,000/-	12 weeks
20	MOLT-4-luc2 (Human lymphoblastic leukemia) xenograft in NOD.SCID mice (4 groups) n=6 per group <u>Parameter same as 18.1</u>	400,000/-	12 weeks
21	MIA Pa Ca-2 (Human pancreatic carcinoma) xenograft in NOD.SCID mice (4 groups) n=6 per group	400,000/-	12 weeks
22	Fluorescence/confocal microscopy	2000/- /per hour use	
23	Scanning Electron Microscopic studies Parameters: Specimen Preparation (Dehydration, critical point drying and coating) Viewing SEM Image recording Image Analysis	600/- per sample for non-biological samples 1800/- per sample for biological samples 2500/- per hour	Ten days
24	Transmission Electron Microscopic studies Parameters: Specimen Preparation (3 blocks/specimen; 2 LM slides/block; 3 grids/best 1 block and staining) Negative staining per sample Viewing (For biological samples using 120 kV TEM) TEM Image recording	Rs. 7000/- per sample Rs. 500/- per sample Rs. 3000/- per hour	Twenty days

25	Quantitative estimation of proinflammatory cytokines TNF-α or IL-6 Method used: Sandwich ELISA Brief description of the assay: LPS induced THP1 OR J774.A1 are used to assess the effect of test compound on release of TNF- α and IL-6 into cell media.		
25.1	Price for < 10 samples (single concentration in triplicate)	1500/sample	
25.2	Price for 10-50 samples (single concentration in triplicate)	1000/sample	
25.3	Price for > 50 samples (single concentration in triplicate)	800/sample	
25.4	IC50 Value calculation (Eight points) per sample- INR	12,000/sample	
26	NLRP3 Inflammasome inhibition against Nigericin and free ATP (adenosine triphosphate) Method used: Sandwich ELISA for IL-1 β Brief description of the assay: NLRP3 inflammasome activity will be assessed in LPS primed THP1 cells followed by activation of NLRP3 complex with Nigericin OR free ATP. The release of IL-1 β into the media will be taken as a parameter for induction of NLRP3 inflammasome		
26.1	Price for < 10 samples (single concentration in triplicate)	2000/sample	
26.2	Price for 10-50 samples (single concentration in triplicate)	1800/sample	
26.3	Price for > 50 samples (single concentration in triplicate)	1500/sample	
26.4	IC50 Value calculation (Eight points)	16000/sample	
27	Screening of inhibitors for histone methyltransferases Dot1 L Method: Modified radioactive filter binding assay using chicken nucleosomes as substrate for the inhibition of human histone methyltransferase (catalytic domain) Dot1L. Parameters: IC ₅₀ determination in duplicate at 10 different concentrations.	20000/- per sample	
28	Screening of inhibitors for histone methyltransferases G9A Method: Modified radioactive filter binding assay using full length recombinant H3 as substrate for the inhibition of human histone methyltransferase (catalytic domain) G9A. Parameters: IC ₅₀ determination in duplicate at 10 different concentrations.	20000/- per sample	

* All the above rates are calculated excluding Goods and Services Tax (GST). GST is as per GOI rules