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To Whom So Ever May Concern

This is to inform that Mahavir Cancer Sansthan and Research Centre is interested in Molecular level NGS tests. A list of NGS test is attached herewith for rate quotation. Vendors are requested to provide lowest rates as per the attached list.

The detailed list of the rate quotation may be submitted by online mode (E-mail- **mcspatna98@gmail.com**) with in 7days from the date of publication.

If any more information is required kindly reach us (Prof. Ashok Kumar Ghosh, HoD, Research Department, Cell No. 9334205809).


(Dr. Manisha Singh)

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	TEST CODE	TEST NAME	TEST CONTENTS	PLATFORM	SAMPLE TYPE
1	DCG-008	TumorProbe™ - Lung Cancer Panel	{13 Genes- EGFR, ALK, KRAS, BRAF, MET, RET, ROS1, ERBB2, NRAS, PIK3CA, NTRK1/2/3}	NGS	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
2	DCG-109	TumorProbe™ - Breast Cancer Panel	{PIK3CA, ESR1, AKT1, PTEN, ERBB2/HER2}	NGS	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
3	DCG-207	TumorProbe™ - Colon Cancer Panel	{KRAS, NRAS, BRAF, RET, NTRK1/2/3}	NGS	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
4	DCG-111	TumorProbe™ - Biliary Tract Panel	{IDH1, FGFR2, BRAF, ERBB2/HER2, KRAS, MET, ALK, ROS1, RET, NTRK1/2/3}	NGS	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
5	DCG-114	TumorProbe™ - Bladder Cancer Panel	{FGFR2, FGFR3, BRAF, ERBB2/HER2, RET, NTRK1/2/3}	NGS	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
6	DCG-112	TumorProbe™ - Thyroid Cancer Panel	{BRAF, ALK, RET, NTRK1/2/3}	NGS	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
7	DCG-113	TumorProbe™ - Melanoma Panel	{BRAF, NRAS, KIT, ALK, ROS1, NTRK1/2/3}	NGS	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
8	DCG-115	TumorProbe™ - GIST Panel	{KIT, PDGFRA, BRAF}	NGS	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
9	DCG-110	TumorProbe™ - Endometrial Cancer Panel	{POLE, PTEN, TP53}	NGS	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
10	ONC065	Somatic BRCA 1 & 2 Testing	BRCA 1 & 2	NGS	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
11	DCG-033	Somatic HRR analysis	(28 genes)	NGS	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
12	DCG-022	Endometrial Cancer Focused Gene Panel with MMR	{POLE, PTEN, TP53 with MMR by IHC}	NGS, IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
13	DCG-209	Tissue Somatic profiling / TumorInsight Basic	(52 genes - Mutation, amplifications, and Fusions)	NGS	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
14	DCG-026	TumorInsight Panel	(161 genes - Mutation, amplifications, and Fusions)	NGS	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
15	DCG-084	TumorInsight Plus Panel	(395 genes - Mutation, amplifications, Fusions, and TMB)	NGS	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
16	DCG-105	TumorInsight CGP	(395 genes - Mutation, amplifications, Fusions, HRD, and TMB with IHC for PD-L1 22C3, MSI)	NGS, IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
17	DCG-051	TumorProbe™ - Gliosense	83 genes - Mutation, amplifications, Fusions, Chromosomal alterations, RNA Exon Variant	NGS	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
18	DCG-103	HRD Analysis	41 HRD relevant genes	NGS	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
19	DCG-096	TumorProbe™ - Head and Neck Cancer Panel without TMB	{HNSCC} (161 genes, PDL-1 22C3 IHC)	NGS, IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%

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20	DCG-097	TumorProbe™ - Head and Neck Cancer Panel with TMB (HNSCC)	(395 genes, IHC for PDL-1 22C3, EGFR, MSI)	NGS, IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
21	DCG-098	TumorProbe™ - Salivary Gland Tumors (Without TMB)	(161 genes, PDL-1 22C3 IHC)	NGS, IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
22	DCG-099	TumorProbe™ - Salivary Gland Tumors (With TMB)	(395 genes, IHC for PDL-1 22C3, AR, Her2, MSI)	NGS, IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
23	DCG-035	MGMT gene promoter methylation	MGMT	PCR	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
24	DCG-018	Microsatellite Instability (MSI) Analysis - STR	BAT-25, BAT-26, MONO-27, NR-21, NR-24	CE	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +020C to +080C temperature. Tumor content should be >10% and 6 mL to 10 mL Whole Blood in EDTA tube at +020C to +080C temperature.
25	IHC001	ER, PR, HER2	Immunohistochemistry by Leica Bondmax platform	IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
26	IHC014	HER2-Neu	Immunohistochemistry by Leica Bondmax platform	IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
27	IHC016	ER, PR	Immunohistochemistry by Leica Bondmax platform	IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
28	IHC054	ER	Immunohistochemistry by Leica Bondmax platform	IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
29	IHC065	PR	Immunohistochemistry by Leica Bondmax platform	IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
30	IHC020	AR	Immunohistochemistry by Leica Bondmax platform	IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
31	IHC229	PD-L1 22C3 Clone	Immunohistochemistry by Leica Bondmax platform	IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
32	IHC231	PDL1 28-8 Clone	Immunohistochemistry by Leica Bondmax platform	IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
33	IHC064	PD-L1 (22C3 and 28-8)	Immunohistochemistry by Leica Bondmax platform	IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
34	IHC228	Mismatch Repair Protein – MMR IHC	MMR (MLH1, MSH2, MSH6, PMS2)	IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
35	IHC234	EGFR by Immunohistochemistry	EGFR	IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
36	IHC235	Claudin 18.2 by Immunohistochemistry	Claudin 18.2	IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
37	ONC064	ScreenGene™ - Germline BRCA1 & BRCA2 gene	BRCA 1 & BRCA2	NGS	6 mL to 10 mL Whole Blood in EDTA tube at +020C to +080C temperature
38	DCG-014	ScreenGene™ - Germline BRCA1 & BRCA2 gene testing with MLPA	BRCA1 & BRCA2 with MLPA	NGS	6 mL to 10 mL Whole Blood in EDTA tube at +020C to +080C temperature
39	ONC-004	ScreenGene™ - Hereditary Colorectal Cancer Panel	(30 genes)	NGS	6 mL to 10 mL Whole Blood in EDTA tube at +020C to +080C temperature
40	DCG-104	ScreenGene™ - Hereditary Breast and Ovarian Cancer HBOC Panel	(35 genes with MLPA for BRCA1/2)	NGS, CE	6 mL to 10 mL Whole Blood in EDTA tube at +020C to +080C temperature

	TEST CODE	TEST NAME	TEST CONTENTS	PLATFORM	SAMPLE TYPE
41	DCG-016	ScreenGene™ - Comprehensive Hereditary Cancer Panel	(175 genes)	NGS, CE	6 mL to 10 mL Whole Blood in EDTA tube at +020C to +080C temperature
42	DCG-092	ScreenGene™ - Germline HRR gene analysis	(28 genes)	NGS	6 mL to 10 mL Whole Blood in EDTA tube at +020C to +080C temperature
43	DCG-008 (a)	CancerTrack™ - Lung Cancer Panel	{12 Genes- EGFR, ALK, KRAS, BRAF, MET, RET, ROS1, ERBB2, NRAS, PIK3CA}	NGS	16 mL to 20 mL Whole Blood in STRECK tube at +020C to +080C temperature
44	DCG-058	CancerTrack™ - Solid Organ Tumors	(52 Genes)	NGS	16 mL to 20 mL Whole Blood in STRECK tube at +020C to +080C temperature
45	DCG-007	CancerTrack™ - Solid Organ Tumors + CellAlert™ - Circulating Tumor Cells Enumeration	(52 Genes and CTC)	NGS, ICC	16 mL to 20 mL Whole Blood in STRECK tube at +020C to +080C temperature and 08 mL to 10 mL Blood in EDTA tube at +020C to +030C temperature.
46	ONCO17	CellAlert™ - Circulating Tumor Cells Enumeration	CTC	ICC	08 mL to 10 mL Blood in EDTA tube at +020C to +080C temperature.
47	DCG-085 (a)	Target MRD (Baseline)	Tumor profiling – 395 genes, Tumor-informed ddPCR assay, Tumor-agnostic NGS panel – 52 genes	NGS, ddPCR	30 mL Whole Blood in STRECK tube at +020C to +080C temperature and FFPE blocks with adequate tumor content
48	DCG-085 (b)	Target MRD (Follow-up)	Tumor-informed ddPCR assay, Tumor-agnostic NGS panel – 52 genes	NGS, ddPCR	30 mL Whole Blood in STRECK tube at +020C to +080C temperature.
49	DCG-091	CancerTrack™ with Tumor Mutation Burden (TMB)	(411 Genes)	NGS	30 mL Whole Blood in STRECK tube at +020C to +080C temperature.
50	SGT-019	UGT1A1 Genotyping for Gilbert Syndrome	UGT1A1	CE	6 mL to 10 mL Whole Blood in EDTA tube at +020C to +080C temperature
51	SGT001	DPYD Gene Mutation Detection	DPYD	NGS	6 mL to 10 mL Whole Blood in EDTA tube at +020C to +080C temperature
52	DCG-005	Chemo-Scale™ - Chemo Sensitivity Test - (Blood / Fresh Tissue)	(29 Chemotherapy drugs)	Microscopy, Fluorometric	16 mL to 20 mL Blood in EDTA tube at +020C to +080C temperature or Fresh Tissue sample in DCGL Transport Media at +020C to +080C temperature with adequate tissue.
53	DCG-005 (f)	Chemo-Scale™ - Chemo Sensitivity Test - (Blood / Fresh Tissue) (25 Repurposing drugs)	(29 Chemotherapy drugs + 25 Repurpose Drugs)	Microscopy, Fluorometric	16 mL to 20 mL Blood in EDTA tube at +020C to +080C temperature or Fresh Tissue sample in DCGL Transport Media at +020C to +080C temperature with adequate tissue.
54	DCG-029	Trublood Comprehensive (with ctDNA)	CTC, 52 Genes (SNVs, CNVs, InDels)	ICC, NGS	16 mL to 20 mL Blood in STRECK tube at +020C to +080C temperature and 08 mL to 10 mL EDTA tube at +020C to +080C temperature
55	DCG-117	TumorInsight CGP (Tissue + Liquid)	Tissue-(395 genes - Mutation, amplifications, Fusions) Blood- 52 genes- Mutation, amplifications, Fusions	NGS, IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10% and and 16 mL to 20 mL Whole Blood in STRECK tube at +20C to +80C temperature.
56	IHC233	FOLR1 by IHC	FOLR1	IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
57	DCG-004 (c)	Exacta™ Basic - Blood	411 genes (SNVs, CNVs, InDels), Chemosensitivity, ICC	NGS, ICC, Microscopy	16 mL to 20 mL Blood in STRECK tube at +020C to +080C temperature and 08 mL to 10 mL EDTA tube at +020C to +080C temperature
58	DCG-004 (d)	Exacta™ Basic - Tissue	511 genes (SNVs, CNVs, InDels), Chemosensitivity, ICC	NGS, ICC, Microscopy	16 mL to 20 mL Blood in STRECK tube and 08 mL to 10 mL EDTA tube at +020C to +080C temperature and Fresh Tissue sample in DCGL Transport Media at +020C to +080C temperature or FFPE Tissue Block, Tumor content should be >10%
59	DCG-004 (b)	Exacta™ Comprehensive - Tissue	511 genes (SNVs, CNVs, InDels), Gene Expression, Pharmacogenetics, Chemosensitivity, IHC / ICC	NGS, ICC, IHC, CE, Microscopy	16 mL to 20 mL Blood in STRECK tube and 08 mL to 10 mL EDTA tube at +020C to +080C temperature and Fresh Tissue sample in DCGL Transport Media at +020C to +080C temperature or FFPE Tissue Block, Tumor content should be >10%
60	DCG-004 (e)	Exacta™ Comprehensive - Blood	411 genes (SNVs, CNVs, InDels), Gene Expression, Pharmacogenetics, Chemosensitivity, ICC	NGS, ICC, CE, Microscopy	16 mL to 20 mL Blood in STRECK tube at +020C to +080C temperature and 08 mL to 10 mL EDTA tube at +020C to +080C temperature

S.N	TEST CODE	TEST NAME	TEST CONTENTS	PLATFORM	SAMPLE TYPE
61	DCG-003	Celldx™	511 genes (SNV, CNV, Indels, Fusion, TMB, MMR/MSI, PDL1 (22C3, 28-8), HRR)	NGS, IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
62	DCG-086	Proxseq™	511 genes (SNVs, CNVs, InDels), Gene Expression	NGS	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +20C to +80C temperature. Tumor content should be >10%
63	IHC-234	EGFR by Immunohistochemistry	EGFR	IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +2°C to +8°C temperature. Tumor content should be >10%
64	IHC-235	Claudin 18.2 by Immunohistochemistry	Claudin 18.2	IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +2°C to +8°C temperature. Tumor content should be >10%
65	IHC085	c-MET by IHC	c-MET	IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +2°C to +8°C temperature. Tumor content should be >10%
66	IHC080	TROP2 by IHC	TROP2	IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +2°C to +8°C temperature. Tumor content should be >10%
67	IHC081	Nectin 4 by IHC	Nectin 4	IHC	FFPE Tissue Block at room temperature or Fresh Tissue sample in DCGL Preservative Solution at +2°C to +8°C temperature. Tumor content should be >10%