

Diagnostic Histopathology and Immunohistochemistry for both Diagnostic and Predictive Markers

Delivering Precision in Histopathology & Immunohistochemistry

It forms the cornerstone in the management and treatment of any patient. It is the gold standard in medical practice and has been cost-effective and of immense value for the clinician. To quote Sir William Osler "As is our pathology, so is our practice".

MedGenome Offering:

We at Medgenome offers Diagnostic Histopathology Testing services for tissue specimens and endeavor to meet all international accepted norms required for a complete histopathology report. We offer more than 100 IHC markers and will add more markers when required.

Our Predictive immunohistochemistry (IHC) services provide clinically meaningful and accurate results with a rapid turnaround time as compared to other predictive biomarker testing methods. Also, It is more cost efficient than molecular platforms.

Companion Diagnostics:

It is a test or assay that detects a predictive biomarker, thereby allowing classification of patients (tumors) into responders and non-responders, for the corresponding therapeutic agent.

- ALK IHC for ALK rearrangements involving the ALK Gene For checking the Treatment eligibility of Patients for Crizotinib, Loratinib
- PD-L1 immunohistochemistry (IHC) is one which can predict patients responses to treatment with PD-L1 inhibitors. We offer 3 clones of PD-L1 antibodies (clone 22C3, clone SP263 & clone SP142) with Unique staining pattern and interpretation guideline

MedGenome Strengths:

- CAP accredited laboratory
- State of art automated IHC instruments for predictive IHC markers.
- Effectively optimized and validated Predictive IHC markers
- IHC Marker testing with High sensitivity and specificity.
- Collaboration with Multiple International External Quality control programs like CAP & UKNEQAS proficiency testing.

List of Histopathology Services offered:

- Biopsy slide review (1- 2 slides/blocks)
- Biopsy block review (3-5 slides/blocks)
- Biopsy block review (>5 slides/blocks)
- Small biopsy for histopathology
- Medium biopsy for histopathology
- Large biopsy for histopathology
- Extra large biopsy for histopathology
- Diagnostic IHC - 1 marker
- Diagnostic IHC - 2 markers
- Diagnostic IHC - 3 to 5 markers with interpretation
- Diagnostic IHC - 6 to 10 markers with interpretation
- Final IHC diagnosis panel



Together we can help the patient...!

LIST of Diagnostic Markers

Pan CK	Napsin A	SMA	CD 10	CD 68	MPO	P63	CDK 4	GFAP	ERG
CK 7	TTF-1	CD31	CD 5	CD 163	MUM 1	P16	SOX 10	Hep par 1	GATA 3
CK 20	PSA	CD34	CD 15	BOB 1	CD 56	PLAP	WT-1	Arginase	Cyclin D1
CK 19	Synaptophysin	Myogenin	CD 30	44836	Ki -67	CD 117	Calretinin	CK 5/6	Alk 1
EMA	Chromogranin	S-100	CD 23	SOX 2	PAX 5	DOG-1	Inhibin	Melan A	CD 79a
CEA	AMACR	SOX 11	CD 79a	Bcl 2	PAX 8	NKX 2.2	E Cadherin	HMB 45	INI 1
CDX2	HMWCK	TFE 3	Cyclin D1	Bcl6	CD 138	Calponin	TLE 1	Myogenin	MPO
MUC2	Thyroglobulin	CD 45	CD 99	Tdt	Lambda	Caldesmon H	SALL 4	D2 40	PAX 8
MUC4	Calcitonin	CD 3	CD 4	CD 1a	Kappa	Beta Catenin	SATB2	Desmin	B Catenin
MUC5AC	Vimentin	CD 20	CD 8	C MYC	P40	MDM 2	HCG	IgG4	STAT-6

Companion Diagnostic Assay Predictive IHC Markers List

SI No	IHC Marker	Clone	Test Platform	Major Indications
1	ALK	D5F3	Ventana	NSCLC
2	ROS-1	D4D6	Ventana	NSCLC
3	cMET	SP44	Ventana	NSCLC
4	ER	SP1	Ventana	Breast carcinoma
	PR	1.00E+02		
5	HER2	4B5	Ventana	Breast, Gastric, Colon carcinomas
6	Ki67	MIB-1	Ventana	Breast carcinoma
7	MMR:		Ventana	Colo-rectal & other solid tumors
	MLH1	M1		
	MSH2	G219-1129		
	MSH6	SP93		
	PMS2	A16-4		
8	PD-L1	SP263	Ventana	NSCLC & other solid tumors
9	PD-L1	SP142	Ventana	NSCLC
10	PD-L1	22C3	DAKO	NSCLC & other solid tumors



Talk to the Experts

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