

# TEST DETAILS

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Name                                 | Final Diagnosis Panel (FDP)                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Specimen                                  | <ul style="list-style-type: none"><li>Formalin Fixed Paraffin Embedded (FFPE) tissue block/Representative Tissue placed in Formalin sent at room temperature by courier.</li><li>Polylysine coated / charged slides are also acceptable (12-15) for FDP</li><li>For other panels depending upon the number of markers requested) with an additional H&amp;E slide.</li><li>Slides to be transported in proper slide mailers (plastic) with proper labelling.</li></ul>                 |
| Special Instruction for sample collection | <ul style="list-style-type: none"><li>Detailed clinical history</li><li>Copies of previous relevant cytology / histopathology reports, all relevant radiological investigation reports.</li><li>For any FDPs on Bone marrow biopsy specimens, peripheral blood counts, peripheral blood smears &amp; bone marrow aspirate smears are additionally mandatory.</li><li>Treating Oncologist / Surgeon contact details for relevant case discussion is mandatory along with TRF.</li></ul> |

TAT / Report : 10 Working Days

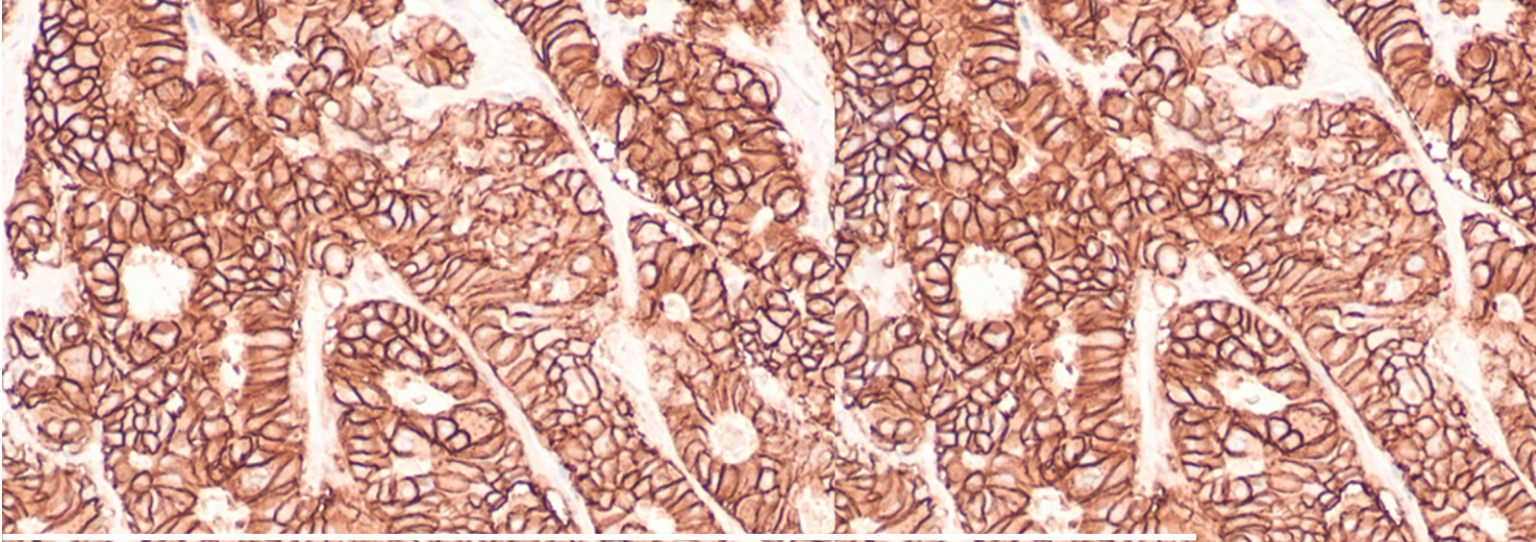


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### Neuberg Supratech Branches

GUJARAT : Ahmedabad - Bopal, Bapunagar, Maninagar, Naroda, Gota Surat - Majuragate, Bhagal, Athwa Gate  
Vadodara - Jetalpur, Waghodia Gandhinagar, Mehsana, Himmatnagar, Bhavnagar, Amreli, Rajkot, Jamnagar,  
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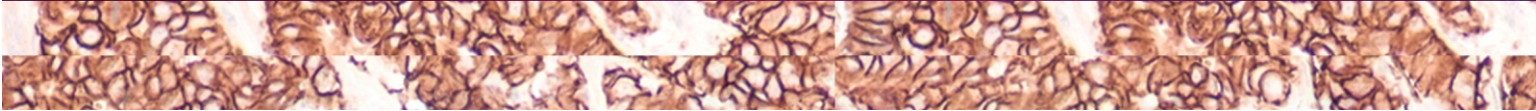
## IMMUNOHISTOCHEMISTRY (IHC)

NSRL HAP DEPARTMENT



### IHC in Surgical Pathology (Final Diagnosis Panel)

- Immuno staining of specific antigens in tissues for diagnosis & prognosis
- Assessment for targeted therapy & monitoring response to therapy
- Comprehensive review of complex cases / Lymphomas / Metastatic Tumors
- CAP & WHO approved reporting protocols



# CANCER IHC MARKERS



## BREAST CANCER

Progesterone Receptor (PR),  
Estrogen Receptor (ER), SMA,  
p63, E-Cadherin, Ki-67 (MIB-1),  
HMWCK, GATA3, Her 2 neu, p53,  
GCDF15, Mammoglobin



## LUNG CANCER

Alk1 (D5F3) on ventana, TTF-1, Napsin A,  
p63, CK5/6, p40



## LIVER CANCER

Glypican-3, HePar-1,  
HSP70, AFP



## OVARIAN & TESTICULAR GERM CELL CANCER

PLAP (Placental Alkaline Phosphatase),  
HCG (Human Chorionic Gonadotropin),  
AFP (Alpha Feto Protein), CA-125, CD30,  
WT1, EMA, SALL4, Oct3/4, CD117



## THYROID CANCER

TTF - 1 (Thyroid Transcription Factor - 1),  
Calcitonin, Thyroglobulin, CK 19 (Cyto Keratin 19)



## MSI MARKER FOR COLON CANCER

MLH1, MSH2, MSH6, PMS2



## LYMPHOMA DIAGNOSTIC / PROGNOSTIC MARKER

**Pan B** :CD20, Pax5, CD19, CD79a  
**Pan T**: CD3, CD4, CD5, CD7, CD8, CD43  
**Other** :Alk1, CD45, CD10, Bcl2, Bcl6,  
Mum1, Tdt, CyclinD1, CD21, CD25, CD23,  
Annexin-1, DBA44, CMYC, CD1a, Kappa,  
Lamda, Ki67, CD56, CD57, CD30, CD15,  
Fascin, CD138, OCT2, CD68

## CNS TUMORS

GFAP, ATRX, IDH, EMA

## HISTIOCYTIC

CD1A, CD68, S100

## NEUROENDOCRINE PANEL

Synaptophysin, Chromogranin, CD56, Ki67

## MELANOMA PANEL

HMB45, SOX10, Melan A

## SPINDLE CELL PANEL

PanCK, Vimentin, CD34, Desmin,  
SmActin, H-Caldesmon, Myogenin, TLE,  
CD117, Ki67, DOG1, Synaptophysin



## PROSATATE CANCER

AMACR, HMW CK, PSA, p63



## MESOTHELIOMA DIAGNOSTIC MARKER

Calretinin (Mesothelioma Marker),  
D240, WT1



## PLASMA CELL NEOPLASM DIAGNOSTIC MARKER

CD19, CD138, Kappa,  
CD56, MUM-1, Lambda



## BLADDER TUMOR

Uroplakin, Ck7 Ck20, p63, Beta Catenin



## UNDIFFERENTIATED TUMOR DIAGNOSTIC MARKERS

NKX2.2, Desmin, CD56, Synaptophysin,  
Ck20, Cytokeratin (Pan Cytokeratin) PanCK,  
Vimentin, p63, CDX-2, Wt1,  
NSE (Neuron specific Enolase),  
HMB - 45, S100, Ck7, Chromogranin A



## MISCELLANEOUS

**HPV Related Cancer**  
P16

**Renal Biopsy Related Markers**  
SAA, IgA, IgG4, PLA2R1

**Leukaemias**  
Cd117, MPO, TdT, CD10, CD34, DBA44,  
B&T Cell Marker, Annexin

**GIST Tumor**  
CD117(C-Kit), DOG1, C4d