



**TULANE UNIVERSITY HEALTH SCIENCES CENTER
 PATHOLOGY – HISTOLOGY LAB
 PROCEDURE REQUEST**

Patient: _____ Surgical Path #: _____ Collect Date: _____

Patient I.D.#: _____ D.O.B.: _____ Sex: _____ Location: _____

Physician: _____ Physician's Signature _____ Diagnosis/ICD-9 Code: _____

H&E

Special Stains

- AFB
- Alcian Blue 2.5 pH
- Bielschowsky Stain
- FITE
- GMS
- Gram
- Iron
- Luxol Fast Blue
- Melanin Bleach
- Mucicarmine
- PAS – Light Green
- Rhodanine (copper)
- Gomori's Trichrome (Blue)
- Verhoeff's Van Gieson (Elastic)

Lymphocytes

- CD1a
- CD3 – PANT-Cell
- CD4 – T-Cell
- CD5 – T-Cell
- CD7 – T-Cell
- CD8 – T-Cell
- CD10
- CD20 (L-26) PAN B-Cell
- CD23
- CD25
- CD30 (Ki 1)
- CD43 – T-Cell
- CD45 (LCA) Pan Lymphocytes
- CD45 (RO) (UCHL-1) Pan T-Cell
- CD56 – (Natural Killer)
- CD79a
- CD138
- Granzyme B
- MUM-1
- Myeloperoxidase (mpo)
- PAX-5
- Perforin
- TIA-1

Monocytes & Myeloids

- CD15 (LEU-M1)
- CD68 (KP-1) – Macrophage
- Tryptase

Epithelial Markers

- Ber Ep 4

Immunoglobulins * = Direct immunofluorescence

- *IgA
- *IgG
- *IgM
- *C3
- *Fibrinogen
- Kappa
- Lambda

Vascularization Markers

- CD31 (PECAM-1)
- CD34 (QEnd / 10)
- D2-40

Infectious Agents

- CMV
- Helicobacter pylori
- Herpes Simplex Virus (HSV) Type I&II
- Hepatitis B Core Antigen (HBCAg)
- Hepatitis B Surface Antigen (HBSAg)
- HHV-8
- Spirochete (Treponema pallidum)
- Varicella Zoster Virus (VZV)

Neuroendocrine Markers

- Alpha Synuclein
- Amyloid Precursor Protein (APP)
- CD57 (LEU-7)
- Chromogranin A
- IDH1
- Neurofilament
- Neuron Specific Enolase (NSE)
- Olig2
- Synaptophysin
- Tau- AT8

Oncoproteins

- Bcl-1 (Cyclin D 1)
- Bcl-2 (Oncoprotein)
- Bcl-6
- Carbonic Anhydrase 9 (CAIX)
- C-MYC
- p16 INK4a
- p40 (Monoclonal)
- p53 Protein

Microsatellite Instability (MMR)

- MLH-1
- MSH-2
- MSH-6
- PMS-2

Intermediate Filaments

- Cytokeratin 903 (HMW) 34BE12
- Actin, Alpha-Smooth Muscle (SMA)
- Actin, Muscle Specific (MSA)
- AE1/AE3 – Pan Cytokeratin (Monoclonal)
- Cytokeratin 5/6
- Cytokeratin 20 (Ks20.8)
- Cytokeratin 7
- Desmin
- Vimentin

Tumor Associated Antigens

- CEA (Monoclonal)
- DOG-1
- EBV
- Epithelial Membrane Antigen (EMA)
- Factor XIIIa
- GATA-3
- GCDFP-15
- Glycophorin A
- Glypican-3
- Napsin A
- P-63
- PAX-8
- PIN-4
- TTF-1
- WT1

Melanoma Markers

- HMB45
- Melan-A
- MITF
- PRAME
- S100
- SOX10
- Tyrosinase

Double Stains

- Melan-A/Ki-67
- Melan-A/PHH3

Prognostic Markers

- CD117 (C-Kit)
- Collagen IV
- Ki-67
- PHH3
- SOX11

Other: _____

