# Neuropathology Repertoire

## ICC (FFPE)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A** | CK20 | **I** | **O** | **V** |
| Aß 4G8  |  | IDH1 | OLIG-2 | VIMENTIN |
| ACTH | **D** |  | OTX2 | VZV |
| α SYNUCLEIN | DESMIN | **K** |  |  |
| AT8 |  | KAPPA | **P** |  |
| ATRX | **E** |  | P53 |  |
|  | EMA | **L** | P62 |  |
| **B** |  | LAMBDA | PIT-1 |  |
| BAF47 (INI1) | **F** | LH | PLAP |  |
| BAPP | FOXJ1 |  | PRL |  |
| ß2 MICROGLOBULIN | FSH | **M** |  |  |
|  |  | MIB1 (Ki67) | **S** |  |
| **C** | **G** | MYELIN PLP | S100 |  |
| CAM 5.2 | GFAP | MYOSIN FAST | SF-1 |  |
| CD3 | GH | MYOSIN SLOW | SSR2 |  |
| CD20 |  |  | SV40 |  |
| CD31 | **H** | **N** | SYNAPTOPHYSIN |  |
| CD34 | HCG | NEUN |  |  |
| CD45 | HSV1 | NEUROFILAMENT (PHOS) | **T** |  |
| CD68 | HSV2 | NEUROFILAMENT (UNPHOS) | TDP43 |  |
| CD117 (C-kit) | HISTONE H3K27M | NGFR | TOXOPLASMA |  |
| CD138 | HISTONE Me3 | NSE | TRANSTHYRETIN |  |
| CHROMOGRANIN A | HMB45 |  | TSH |  |
| CK7 |  |  | TTF1 |  |

## Tinctorial (FFPE)

|  |  |  |
| --- | --- | --- |
| **A**  | **M** | **Z**  |
| Alcian Blue/ Periodic Acid Schiff (PAS) | Martius Scarlet Blue | Ziehl Neelson |
| Alcian Blue/ Verhoff-Van Gieson  | Masson Fontana |  |
|  | Masson Trichrome |  |
| **C** |  |  |
| Congo Red  | **P** |  |
|  | Palmgren’s Silver Impregnation  |  |
| **E**  | Periodic Acid Schiffs +/- Diastase  |  |
| Elastic Van Gieson  | Perls Prussian Blue  |  |
|  | Phosphotungstic Acid Heamatoxylin  |  |
| **G**  |  |  |
| Gram-Twort  | **R**  |  |
| Grocott’s Methenamine Silver  | Retic  |  |
|  |  |  |
| **H**  | **S**  |  |
| Haematoxylin and Eosin  | Sirius Red  |  |
|  | Solochrome Cyanine  |  |
| **L**  |  |  |
| Luxol Fast Blue/ Cresyl Violet  | **V**  |  |
|   | Van Gieson  |  |
|  |  |  |

##  Muscle Stains - Frozen Tissue Nerve stains - Frozen Tissue

|  |  |  |
| --- | --- | --- |
| **Tinctorial** |  | Heamatoxylin and Eosin |
| Gomori Trichrome |  | Solochrome Cyanine |
| Heamatoxylin & Eosin |  |  |
| Oil Red O |  |  |
| PAS |  |  |
| PAS/ Diastase |  | CSF Cytology |
| Van Gieson |  | Hemacolor |
|  |  |  |
| **Enzyme Histochemistry** |  |  |
| Acid Phosphatase |  |  |
| ATPase (4.35 & 9.4) |  |  |
| ATPase (Metochromatic) |  |  |
| AMPDA |  |  |
| Cytochrome Oxidase |  |  |
| Cytochrome Oxidase/SDH |  |  |
| NADH-TR |  |  |
| Phosphorylase |  |  |
| Phosphofructokinase |  |  |
| SDH |  |  |
|  |  |  |

## Antibodies – Muscle & Nerve (Frozen Tissue)

|  |  |  |
| --- | --- | --- |
| **B** | **E** | **U** |
| ß2 Microglobulin  | EMERIN | UCHL1 |
|  |  | UTROPHIN |
| **C** | **M** |  |
| C5b9 | MEROSIN |  |
| CAM 5.2 | MYOSIN FAST |  |
| CAVEOLIN-3 | MYOSIN SLOW |  |
| CD20 | MYOTILIN |  |
| CD31 |  |  |
| CD45 | **N** |  |
| CD68 | NEUROFILAMENT (PHOS) |  |
| CD138 | nNOS |  |
| COLLAGEN IV |  |  |
|  | **P** |  |
| **D** | P62 |  |
| DESMIN |  |  |
| DYSFERLIN | **S** |  |
| α DYSTROGLYCAN | S100 |  |
| β DYSTROGLYCAN | α SARCOGLYCAN |  |
| DYSTROPHIN 1 | Υ SARCOGLYCAN |  |
| DYSTROPHIN 2 | SERCA-1 |  |
| DYSTROPHIN 3 | SPECTRIN |  |