

Spectrum Health ATL Laboratories

Surgical Specimen Testing by Cytogenetics/Flow Cytometry/Molecular Diagnostics

ATL Lab Central: Phone (616) 486-6233 Fax (616) 486-6234

Patient Name: \_\_\_\_\_

Pathologist: \_\_\_\_\_

MRN/CPI: \_\_\_\_\_

Case # and block(s): \_\_\_\_\_

DOB: \_\_\_\_\_

\*Specimen Treatment:  None

Place label here if available

EDTA – Gross  Decal Stat – Bench

Decal Stat – Gross  Other: \_\_\_\_\_

**CYTOGENETICS FISH**

**- 1 H&E stained recut slide, 4 unstained 5µ slides**

- Burkitt Panel (MYC breakapart; IGH/MYC) LAB2111357
- Del 1p19q (Oligodendroglioma) LAB2111336
- EWSR1 (Ewing sarcoma) LAB2111387
- Her2 Amplification LAB2111418
- Liposarcoma (MDM2) LAB3275
- Mantle Cell Probe (IGH/CCND1) LAB2111396
- N-MYC (2p24) Amplification LAB2111412
- Rhabdomyosarcoma (FOXO1A/FKHR) LAB2111389
- Other \_\_\_\_\_ LAB2111413

- FGFR2
- IGH/MYC/CEP8
- P53 Deletion by FISH
- Synovial sarcoma (SS18/SYT)
- USP6 Rearrangement (Aneurysmal bone cyst)

**- 1 H&E stained recut slide, 6 unstained 5 µ slides**

- Aneuploidy (POC) LAB2111421
- High grade B-cell Lymphoma (dble/triple hit) LAB3273
- Myxoid Liposarcoma (DDIT3/CHOP & FUS) LAB2111363, LAB2111394

**MOLECULAR DIAGNOSTICS**

**- 1 H&E stained recut slide and corresponding block**

- BRAF LAB3429
- BRAF Gene Fusions (Brain Tumor) Lab1230852
- Cancer Hot Spot LAB3406
- Colon Panel (BRAF, KRAS, NRAS) LAB3604
- CTNNB1 LAB1230664
- CXCR4 LAB1230879
- EGFR LAB3181
- EGFR & ALK LAB3181 & LAB1231056
- FLT3 LAB1230860
- GIST LAB1230665
- GNAS Gene Mutation LAB1230861
- Heme Molecular Analysis LAB3613
- IGH@ clonality (B-cell) LAB2111112
- IDH Mutation Analysis (IDH 1 & 2) LAB3446
- KIT LAB1230106
- KRAS LAB3431
- Lung Cancer Panel LAB3507
- MLH1 Promoter HyperMethylation LAB3581
- MGMT Methylation LAB3404
- MSI Molecular (Normal & Tumor) LAB3001

**MOLECULAR DIAGNOSTICS**

- MYD88 Mutation Analysis LAB3643
- NRAS LAB3430
- NTRK Gene Fusion LAB1230897
- POLE Gene Mutation LAB1230862
- Sarcoma Gene Fusion LAB1230869
- TRG@ clonality (T-cell) LAB2111172
- TP53 LAB1230578
- Molecular, Other LAB1231056 \_\_\_\_\_

**This box must be filled out by the Pathologist before the case goes to ATL**

I have reviewed the H&E slide(s) and marked area(s) to be tested.

Pathologist's initials: \_\_\_\_\_ Date: \_\_\_\_\_

% viable tumor cells compared to all viable cells (tumor and nontumor) within circled area: \_\_\_\_\_

MSI only: Normal Present: Yes: \_\_\_\_\_ No: \_\_\_\_\_

If yes indicate normal area on slide

**TISSUE SOURCE**

- Bone
- Bone Marrow
- Brain
- Breast
- Colon/Rectum
- Lung
- Lymph node
- Skin
- Soft Tissue
- Other: \_\_\_\_\_

**ORDER TYPE**

- Reflex order or working case order (testing needed for diagnosis) initiated by pathologist (no additional written order needed)
- Requested by physician's order
  - Cases that are not reflex testing
  - Cases that are not done for initial diagnostic testing

Authorizing provider \_\_\_\_\_

Date on written order \_\_\_\_\_

(Should be used if from prior to EPIC go Live 11/4/17 or collected at outside site)

Secretaries: Please attach a copy of the faxed/written order to this sheet for cases that are not reflex or working case diagnostic testing