Cytogenetics is offering a new fluorescence in situ hybridization (FISH) panel for Philadelphia chromosome (Ph) – like B-lymphoblastic leukemia/lymphoma (B-ALL)

Effective Monday, August 5, 2019, the Cytogenetics Laboratory began offering a new fluorescence in situ hybridization (FISH) panel for Philadelphia chromosome (Ph) – like B-lymphoblastic leukemia/lymphoma (B-ALL). When requested, this testing will be offered to patients diagnosed with B-ALL where initial first-line diagnostic FISH panel testing (see below) is normal.

### Initial Standard ALL FISH Panel (adult)
- Trisomies of 4, 10 and 17
- Hyperdiploidy/hypodiploidy
- Chromosome 9p (CDKN2A) deletion
- BCR-ABL (Philadelphia Chromosome)
- KMT2A (MLL) rearrangement
- t(12;21) ETV6-RUNX1 or RUNX1 amplification
- CRLF2 rearrangement

### New Ph-like ALL FISH Panel (adult and pediatric)
- ABL1 rearrangement
- ABL2 rearrangement
- PDGFRB rearrangement
- JAK2 rearrangement

### Initial Standard ALL FISH Panel (pediatric)*
- Trisomies of 4, 10, and 17
- Hyperdiploidy/hypodiploidy
- BCR-ABL (Philadelphia Chromosome)
- KMT2A (MLL) rearrangement
- t(12;21) ETV6-RUNX1 or RUNX1 amplification
- *CRLF2 rearrangement added on as reflex if expected

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For technical questions, please contact:
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