

Molecular Panel Portfolio From Precipio



Our Latest Innovations:

Bloodhound Molecular Panels for **BCR-ABL1, ABL1 resistance, and MPN**. These panels have been designed based on the latest NCCN guidelines with your lab's workflow in mind to accurately and efficiently detect and monitor mutations associated with CML and MPN.

Key Benefits:



1 Replaces multiple technology platforms with a RT-PCR machine, improving work flow & profitability



2 Enables running multiple panel assays on the same platform



3 Efficient cost structure allows for smaller batches and faster TAT



4 Reduced TAT from 2-3 weeks to same-day results for most samples

Comprehensive CML & MPN Molecular Panels



BCR-ABL1	ABL1 Resistance	MPN
p210	Exon 4	JAK2 V617F (Exon 14)
p190	Exon 5	JAK2 Exon 12
p230	Exon 6	JAK2 Exon 13
p203	Exon 7	MPL
	Exon 8	CALR
Pre-plated 4,8,12 Samples	Pre-plated 3,6 samples	Pre-plated 4,8 samples

BCR-ABL1 Panel:

- 4 Breakpoint coverage
- 0.001% LoD for superior detection & monitoring
- **Quantitative & automated analysis**

ABL1 Resistance Panel:

- For positive BCR-ABL1 breakpoint cases
- Replaces ABL1 gene sequencing

MPN Panel:

- For suspected MPN cases with CML ruled out
- Panel-based detection of MPN driver mutations
- **Quantitative & automated analysis**
- Complementary assay to BCR-ABL1 negative cases

Disease-Specific Treatment/Prognostic Panels



AML Panel:

- Comprehensive panel of treatment-related genes
- Same day TAT on critical samples

Cytopenia Panel:

- Driver mutation panel
- Run on Bone Marrow or Peripheral Blood

CLL Panel:

- Comprehensive panel of prognostic-related genes

AML	CYTOPENIA	CLL
IDH1 / IDH2	ASXL1	CXCR4
KIT	SF3B1	NOTCH1
FLT3	DNMT3A	MYD88
NPM1	RUNX1	SF3B1
CEBPA	WT1	
Pre-plated 1 sample	Pre-plated 3 samples	Pre-plated 3 samples