



List of flexibly accredited analytes

Field of investigation: human genetics (molecular human genetics)

Type of analysis:

Molecular genetic tests (amplification based methods)

Analyte (measured variable)	Test material (matrix)	Testing Technique	Instruction / Version	Device
BCR ²	DNA from bone marrow aspirate, peripheral blood, body fluids, tissue ¹	Fragment length analysis	AA-M-006-13	Sequencer (Life Technologies)
CUX1 ²	DNA from bone marrow aspirate, peripheral blood, body fluids, tissue ¹	Next Generation Sequencing (sequencing-by-synthesis, amplicon based, JSI)	AA-M-141-16	MiSeq, NovaSeq
DDX3X ²	DNA from bone marrow aspirate, peripheral blood, body fluids, tissue ¹	Next Generation Sequencing (sequencing-by-synthesis, amplicon based, JSI)	AA-M-141-16	MiSeq, NovaSeq



Analyte (measured variable)	Test material (matrix)	Testing Technique	Instruction / Version	Device
DNMT3A ²	DNA from bone marrow aspirate, peripheral blood, body fluids, tissue ¹	digital PCR	AA-M-148-10	BioRad dPCR System
DPYD ²	DNA from bone marrow aspirate, peripheral blood, body fluids, tissue ¹	Melting curve analysis	AA-M-176-03	Real time PCR Instrument (Roche)
FLT3 ²	DNA from bone marrow aspirate, peripheral blood, body fluids, tissue ¹	digital PCR	AA-M-148-10	BioRad dPCR System
HFE ²	DNA from bone marrow aspirate, peripheral blood, body fluids, tissue ¹	Next Generation Sequencing (sequencing-by-synthesis, amplicon based, JSI)	AA-M-141-16	MiSeq, NovaSeq
IDH1 ²	DNA from bone marrow aspirate, peripheral blood, body fluids, tissue ¹	digital PCR	AA-M-148-10	BioRad dPCR System
IDH2 ²	DNA from bone marrow aspirate, peripheral blood, body fluids, tissue ¹	digital PCR	AA-M-148-10	BioRad dPCR System



Analyte (measured variable)	Test material (matrix)	Testing Technique	Instruction / Version	Device
SF3B1 ²	DNA from bone marrow aspirate, peripheral blood, body fluids, tissue ¹	digital PCR	AA-M-148-10	BioRad dPCR System
TP53 ²	DNA from bone marrow aspirate, peripheral blood, body fluids, tissue ¹	digital PCR	AA-M-148-10	BioRad dPCR System

¹ Tissue samples that do not require morphological selection and evaluation for DNA extraction prior to genetic analysis

² Identification of clonality markers or genetic alterations in hematologic neoplasms