

Accredited activities under the flexible scope of accreditation (ISO15189)

Examination field: Human genetics (molecular human genetics)

Examination type: Molecular biological examinations (amplification procedures)

Analysis	Specimen Type	Examination Technique	Procedure Number / Revision	Device
FLT3 (ITD and TKD incl. Signal Ratio)	Heparin or EDTA blood, Bone Marrow	PCR, Fragment Length Analysis incl. Bio-IT Analysis	GmbH 2.6.5 - Rev 4	Veriti Dx Thermal Cyclers ABI 3500xL Genetic Analyzer
NPM1 (rs587776806)	Heparin or EDTA blood, Bone Marrow, DNA	PCR, Fragment Length Analysis	GmbH 2.3.2 - Rev 15	Veriti Dx Thermal Cyclers ABI 3500xL Genetic Analyzer
TRG (Clonality Analysis)	Heparin or EDTA blood, Bone Marrow, DNA	NGS Amplicon-based Enrichment, Sequencing-by-synthesis, MiSeq incl. Bio-IT Analysis; LymphoTrack Dx Software – MiSeq (version 2.4.3)	GmbH 2.7.3 - Rev 7	Veriti Dx Thermal Cyclers MiSeq System
IGH FR1/FR2/FR3 (Clonality Analysis)	Heparin or EDTA blood, Bone Marrow, DNA	NGS Amplicon-based Enrichment, Sequencing-by-synthesis, MiSeq incl. Bio-IT Analysis; LymphoTrack Dx Software – MiSeq (version 2.4.3)	GmbH 2.7.3 - Rev 7	Veriti Dx Thermal Cyclers MiSeq System
IGHV (Clonality Analysis, Somatic Hypermutation)	Heparin or EDTA blood, Bone Marrow, DNA	NGS Amplicon-based Enrichment, Sequencing-by-synthesis, MiSeq incl. Bio-IT Analysis; LymphoTrack Dx Software – MiSeq (version 2.4.3)	GmbH 2.7.3 - Rev 7	Veriti Dx Thermal Cyclers MiSeq System
IGK (Clonality Analysis)	Heparin or EDTA blood, Bone Marrow, DNA	NGS Amplicon-based Enrichment, Sequencing-by-synthesis, MiSeq incl. Bio-IT Analysis; LymphoTrack Dx Software – MiSeq (version 2.4.3)	GmbH 2.7.3 - Rev 7	Veriti Dx Thermal Cyclers MiSeq System
TRB (Clonality Analysis)	Heparin or EDTA blood, Bone Marrow, DNA	NGS Amplicon-based Enrichment, Sequencing-by-synthesis, MiSeq incl. Bio-IT Analysis; LymphoTrack Dx Software – MiSeq (version 2.4.3)	GmbH 2.7.3 - Rev 7	Veriti Dx Thermal Cyclers MiSeq System