

HEMATO_{pro}

For the analysis of complex genomic variants associated with lymphoid and myeloid diseases

The HEMATO pro is a **capture-based kit** designed for the analysis of complex genomic variants associated with Lymphoid and Myeloid Diseases.

The kit is validated for both germline and somatic analysis (SNVs, CNVs and ITD) of DNA extracted from blood samples.

HEMATO pro is a kit for the analysis of **146 relevant genes** frequently mutated in hematologic malignancies. These genes can be categorized into two main groups: myeloid-associated genes and lymphoid-associated genes.

The identification of recurrent genetic mutations has transformed diagnostic approaches, refined prognostic stratification, and enabled targeted therapeutic interventions.



Curious about the full gene list? Contact our support team for the complete panel details.
support@4bases.ch

4bases HEMATO pro allows for **precise, reliable, and effective results, speeding up** the activity of clinical reporting.

From DNA to Final data in less than 2.5 days with less than 3 hours hands-on time.



From gDNA



PCR UDI



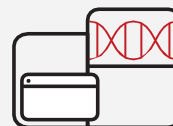
Hybridization



Enrichment PCR



Final library



NGS



to FINAL DATA

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Specifications

Sample type	DNA extracted from tissues, blood or body fluids
Input	Minimum of 50 ng DNA per sample
Panel size	About 395 kb
Variant called	SNPS, indels, CNVs, ITDs
Compatible Instruments	Illumina, Oxford Nanopore Technologies → CE-IVD kit options Ion Torrent, Element Biosciences, MGI, GeneMind → RUO only
Data Analysis	4eVAR
Automation version	Customizable

Cod. kit

Product	Cod.	Tests number
HEMATO pro CE-IVD	C3150, DC3150	16 & 96
HEMATO pro RUO	RC3150, RDC3150, RC3150Y	16 & 96

4eVAR: Comprehensive output files for analysis and reporting



- Quality metrics
- Alignment
- CNVs status
- Full variant table
- Genotype
- Coverage
- Mitochondrial analysis
- Customizable report

Data Analysis

Product	Cod.	Tests number
4eVAR	Series A6060-C3150-16	16
4eVAR	Series A6060-C3150-96	96

If you wish to learn more:



Contact us at: info@4bases.ch
4bases SA – www.4bases.ch