ClinEX pro

Extended clinical exome NGS kit

CE IVD

4bases ClinEX pro **is a CE-IVD kit** designed to detect genetic factors responsible of disease conditions not attributable to known pathologies, genetically heterogeneous diseases, and complex syndromic pictures.

The kit targets **more than 10,000 genes described in OMIM as related to known pathologies**, with optional coverage of mitochondrial genes (ref. MitoMap), plus ~130 hotspots, SNPs, deep intronic regions with a correlation to known hereditary diseases.

The kit enables the detection of SNVs and CNVs through **Next Generation Sequencing (NGS)** from germline DNA samples (blood or tissues).

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

4bases ClinEX 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.

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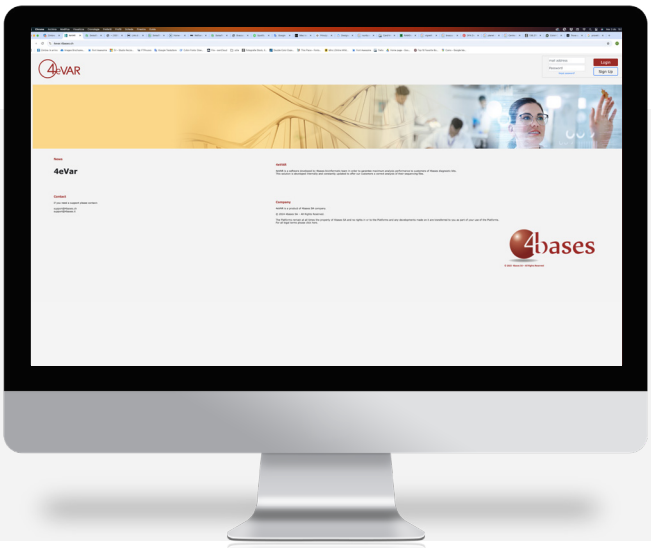
Specifications

Sample type	DNA extracted from tissues, blood or body fluids
Input	Minimum of 50 ng DNA per sample
Panel size	About 21 Mb
Variant called	SNPS, indels, CNVs
Instrument Type	Illumina, MGI, Oxford Nanopore Techologies, Ion Torrent, Element Biosciences
Data Analysis	4eVAR
Automation version	Available

Cod. kit

Product	Cod.	Tests number
ClinEX pro	C3030-16	16 & 96
ClinEX pro Automatic	C3030A-96	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	A6060-C3030-16	16
4eVAR	A6060-C3030-96	96

If you wish to learn more:

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

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