ClinEx pro Long

Extended Clinical Exome NGS kit for ONT

4bases ClinEX Pro Long kit is specifically designed for **long-read sequencing** (>5 kb), enabling enhanced detection of genetic factors involved in undiagnosed disease conditions, genetically heterogeneous disorders, and complex syndromic presentations.

The kit covers over 10,000 genes listed in OMIM as associated with known pathologies, with optional inclusion of mitochondrial genes (ref. MitoMap), and includes ~130 hotspots, SNPs, and deep intronic regions linked to hereditary diseases.

Thanks to its long-read capability, the kit allows for accurate **analysis of complex and highly homologous genomic regions**, and enables precise identification of **structural variant breakpoints**, including large deletions.

SNVs and CNVs can be detected from germline DNA samples (blood or tissues) using Next Generation Sequencing (NGS).

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

4bases ClinEx pro Long allows for **precise**, **reliable**, and **effective results**, **speeding up** genomic data analysis workflows.

Only 1-hour hybridization for a faster, streamlined workflow.
From DNA to Final data in less than 1.5 days with less than 3 hours hands-on time.

4bases
Precision Matters

ClinEx pro Long

Extended Clinical Exome NGS kit for ONT

Specifications

Sample type	DNA extracted from tissues, blood or body fluids
Input	Minimum of 500 ng DNA per sample
Panel size	About 177 Mb
Variant called	SNPS, indels, CNVs
Compatible Instrument	Oxford Nanopore Technologies
Data Analysis	4eVAR
Automation version	Available

Cod. kit

Product	Cod.	Tests number
ClinEx pro Long	RDC3030L-16	16

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-DC3030L-16	16

If you wish to learn more:

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

4bases
Precision Matters