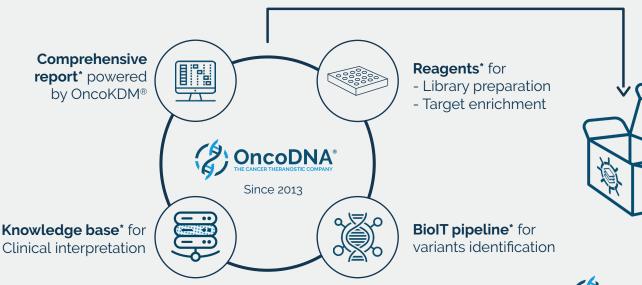


22 driver genes (RNA)

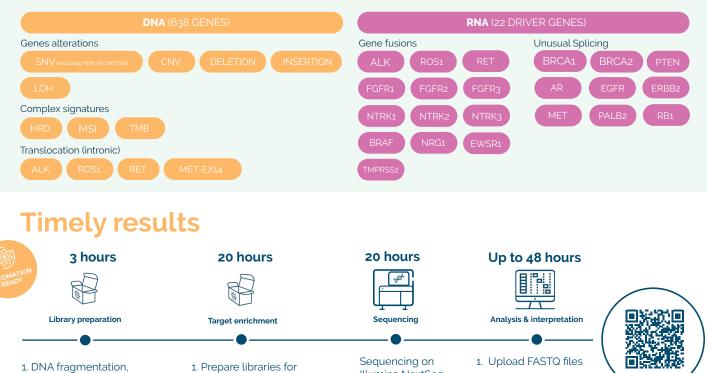
OUR KNOWLEDGE IN YOUR LAB



* Included in the kit

Biomarker panel developed by oncology experts

Designed by oncology experts, the OncoDEEP[®] panel contains the most relevant and complete cancer gene panel. Over time this panel was optimized to include all clinically-relevant oncology targets. The DNA and RNA panels comprise 638 and 22 genes reporting genomic alterations (SNV, insertion, deletion, CNV, fusions, unusual splicing, ...) and complex genomic signature (HRD, MSI and TMB).



- end repair & dA tailing 2. Ligate Twist universal adapters and purify
- 3. PCR amplify using Twist UDI Primers, purify and QC
- 1. Prepare libraries for hybridization
- 2. Hybridize capture probes
 3. Bind hybridized targets to
- streptavidin beads
- 4. Post-capture PCR amplification, purify and QC
- Sequencing on
Illumina NextSeq
500/550, NextSeq
1000/2000 or
NovaSeq 60001. Upload FASTQ files
2. Secondary and tertiary
analysis via OncoDEEP
pipelineNovaSeq 6000
NovaSeq X
Element AVITI™3. OncoKDM: Personalized
therapeutical

interpretation

Scan to preview the clinical report

OncoDEEP® kit generates genomic insights from sample to result in your lab in just 5 days.

MGI sequencers

Advanced oncogenomic database

Proprietary input



Clinical data from 35.000 patients 100.000 Molecular tests 22.000 Genes (+) 10.000 Clinical Trials 4.600.000 Variants 1.600 Drugs

+ External sources

> 15 public databases & Clinical literature

Manual, daily data curation by our scientists

Cost-effective

Employing a cancer focus panel can be a laborious investment of time and resources. In contrast, opting for a comprehensive panel (CGP) that caters to diverse requirements such as genes and complex molecular signatures proves to be significantly more cost-effective⁽¹⁾.

Feedback from our customers highlights that when assessing more than five biomarkers simultaneously, the **OncoDEEP® Kit stands out as a more economical choice** compared to a sequential testing approach.

(1) https://ascopubs.org/doi/full/10.1200/PO.22.00546



