



ONCOTARGET NGS KIT

Your Path to Targeted Cancer Therapy

CliniSciences Group

ONCOTARGET NGS KIT

NGS panel to detect mutations in 10 Oncogenes

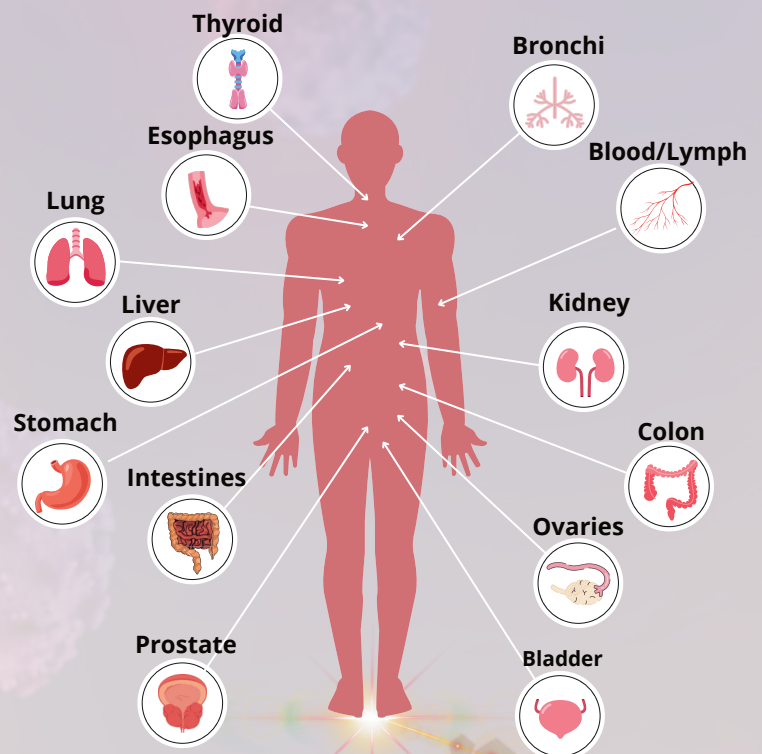
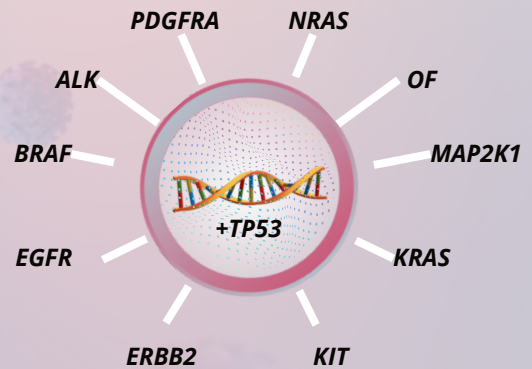


The **ONCOTARGET Kit** is an **NGS panel validated by Illumina**, designed to rapidly and reliably identify, genetic mutations associated with several cancer pathologies from patient samples of various types, thus guiding practitioners in their cancer treatment decisions. Thanks to its compact size and low sequencing depth (> 80X), this panel offers low-cost analysis.

ONCOTARGET is a combination of **1229 different probes**, enabling the detection of mutations present on all the coding parts of 10 genes used to guide 1st and 2nd lines therapy of several metastatic solid cancers.

The **ONCOTARGET** panel has been developed and tested for its efficiency on all types of human samples:

- DNA extracted from fresh, frozen or Formalin-Fixed Paraffin-Embedded tumors (FFPE)
- DNA from biological fluids:
 - Plasma.
 - Pleural fluid.
 - Cerebrospinal fluid.
- DNA extracted from human cell lines.



Details of the genes analysed

Genes	Type of Tumor	Associated treatment or prognostic effect	Impact
ALK	<ul style="list-style-type: none"> Non-small cell lung cancer 	<ul style="list-style-type: none"> ALK TKI 	<ul style="list-style-type: none"> ALK Inhibitor Resistance Sensitivity.
BRAF	<ul style="list-style-type: none"> Colon Cancer Non-small cell lung cancer Melanoma 	<ul style="list-style-type: none"> Non-therapeutic BRAF inhibitor BRAF inhibitor 	<ul style="list-style-type: none"> MSI Test Sensitivity only for the p. (Val600Glu) variant. Sensitivity only for p.(Val600X) variants
EGFR	<ul style="list-style-type: none"> Non-small cell lung cancer 	<ul style="list-style-type: none"> EGFR TKI 	<ul style="list-style-type: none"> Sensitivity or resistance (secondary mutations, exon 20 insertions)
ERBB2	<ul style="list-style-type: none"> Non-small cell lung cancer 	<ul style="list-style-type: none"> Mobocertinib 	<ul style="list-style-type: none"> Sensitivity
KIT	<ul style="list-style-type: none"> GIST Melanoma 	<ul style="list-style-type: none"> Imatinib Imatinib 	<ul style="list-style-type: none"> Sensitivity or resistance (secondary mutations) Sensitivity
KRAS	<ul style="list-style-type: none"> Colon Cancer Non-small cell lung cancer 	<ul style="list-style-type: none"> EGFR inhibitor Sotorasiv 	<ul style="list-style-type: none"> Resistance Sensitivity only for the p.(Gly12Cys) variant.
MAP2K1	<ul style="list-style-type: none"> Melanoma 	<ul style="list-style-type: none"> BRAF inhibitor MEK inhibitor 	<ul style="list-style-type: none"> Resistance Sensitivity or resistance
MET	<ul style="list-style-type: none"> Non-small cell lung cancer 	<ul style="list-style-type: none"> MET TKI 	<ul style="list-style-type: none"> Sensitivity
NRAS	<ul style="list-style-type: none"> Colon Cancer Melanoma 	<ul style="list-style-type: none"> EGFR inhibitor Prognosis 	<ul style="list-style-type: none"> Resistance /
PDGFRA	<ul style="list-style-type: none"> GIST 	<ul style="list-style-type: none"> Imatinib 	<ul style="list-style-type: none"> Sensitivity or resistance (secondary mutations)

GIST: GastroIntestinal Stromal Tumor; MSI: MicroSatellite Instability; TKI: Tyrosine Kinase Inhibitor(s).

ONCOTARGET NGS KITS

NB-62-0001-8
8rxns



NB-62-0001-16
16rxns



NB-62-0001-32
32rxns



NB-62-0001-96
96rxns



NB-62-0001-384
384rxns



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