

ONCO **new** accuPanelTM

NGS Comprehensive Solid Tumor
Oncology Panel with Analysis Software

NGeneBio



ONCOaccuPanel™ ^{new}

Identifying mutations that may help determine diagnostic/prognosis/specific therapies for patients with **solid tumors**



ONCOaccuPanel™

Target Enrichment method	Hybridization and capture using RNA-baits
Sample	DNA from blood or FFPE tissue
Target genes	Total 328 genes
Target regions	Entire coding exon (CDS) : 225 genes Intronic region : 6 genes Hot spot/SNP : 97 genes
Target size	~ 1.1Mb
Variants type	SNV,INDEL,CNV, SV, MSI,TMB
Mean Coverage	≥ 500X
Min Coverage	≥ 100X
Sequencing Platform	NextSeq/NextSeqDx
Sequencing Reagent	NextSeq 550 System Mid-Output Kit
Samples / run	12-15 samples

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NGS Test Process



NGS Panel

Library preparation(Target enrichment)



Sequencer

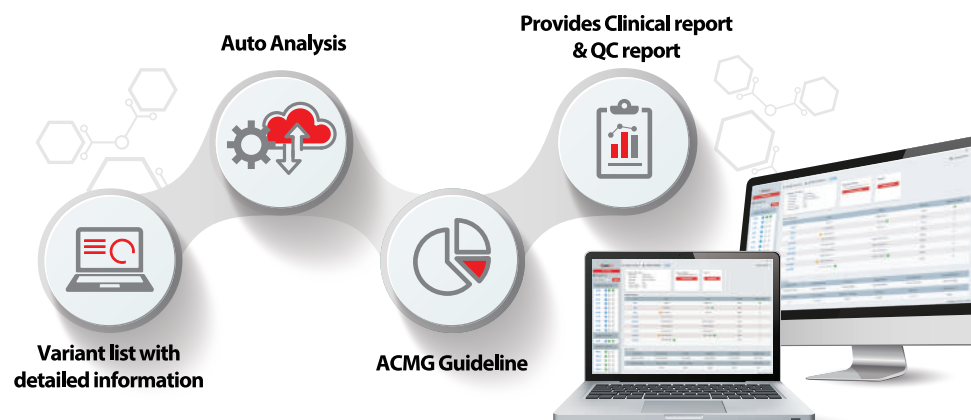
Illumina platform



NGeneAnalySys®

Data Analysis software

NGS Data Analysis



For Research Use Only. Not for use in diagnostic procedures.