

A true end-to-end solution for genomic profiling

The Oncomine™ Precision Assay on the integrated Ion Torrent™ Genexus™ System for oncology biomarker detection

The Genexus System is expected to be CE IVD-certified in 2022

Empower your lab to deliver next-generation sequencing (NGS) genomic profiles with the speed and simplicity of PCR or immunohistochemistry. The Genexus System is designed to deliver a full oncology research biomarker report in as little as one day, even for small samples and low-level variants.

 **2** instruments

 **1** software

 **2** touchpoints

 20 minutes hands-on time

 <24 hours turnaround time

 1 supplier and team to support you

- Fast and automated NGS, with minimal user touchpoints and no expertise required
- Easily go from specimen to report with one, integrated workflow

→ Touchpoint 1

- Nucleic acid (NA) extraction
- NA quantification
- Sequencing plate preparation
- Storage NA plate preparation

→ Touchpoint 2

- Library preparation
- Templating
- Sequencing
- Analysis

Touchpoint 1

Touchpoint 2

Easy analysis



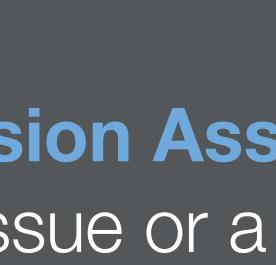
 **10** ng sample input

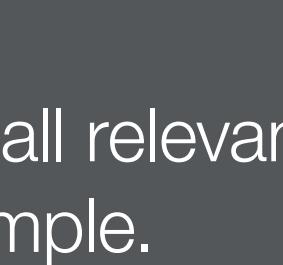
 **50** genes

 **78** variants

 **45** mutations

 **>95%** samples tested

 **14** copy number variations

 **19** fusions

 **2** sample types (FFPE tissue and liquid biopsy)

With the Oncomine Precision Assay you can test all relevant biomarkers for NSCLC clinical research either from FFPE tissue or a liquid biopsy sample.

R/T 0.2%
FGFR1 or FGFR2 0.7%
HRAS 1.2%
NRAS 1.2%
MAP2K 0.7%
ERBB2 amplification 2.7%
MET amplification 2.5%
RET fusion 2.3%
ROS1 fusion 1.9%
ALK fusion 4.4%
MET splice 3.0%
ERBB2 3.8%
NF1 1.9%

