





# Oncomine Solutions for precision oncology clinical research

Oncomine™ Solutions offer end-to-end workflows that address specific challenges when implementing next-generation sequencing (NGS) for clinical oncology research. We understand that NGS applications and content need to be tailored for your lab's needs. That's why we offer two types of workflows, a broad assay portfolio, complete bioinformatics, and technical support, to suit the way you work.

## Our Ion Torrent™ Oncomine™ assays menu is continually expanding.\*

<b>FFPE-tissue research testing solutions</b> 	<b>Hematology-oncology research solutions</b> 	<b>Liquid biopsy research testing solutions</b> 	<b>Immuno-oncology research solutions</b> 
<b>New:</b> Oncomine Precision Assay GX	<b>New:</b> Oncomine BCR IGH LR Assay	<b>New:</b> Oncomine Precision Assay GX	<b>New:</b> Oncomine TCR Beta-LR Assay GX
<b>New:</b> Oncomine Comprehensive Assay Plus	<b>New:</b> Oncomine BCR IGH SR Assay	Oncomine cfDNA Assays for Lung, Breast, and Colon	<b>New:</b> Oncomine Comprehensive Assay Plus
<b>New:</b> Oncomine Comprehensive Assay GX	Oncomine Myeloid Research Assay	Oncomine Breast cfDNA Assay v2	Oncomine Tumor Mutation Load Assay
<b>New:</b> Oncomine tumor specific panels	Oncomine Childhood Cancer Research Assay	Oncomine Lung Cell-Free Total Nucleic Acid Research Assay	Oncomine TCR Beta-LR Assay
Oncomine Comprehensive Assay v3	Coming soon**	Oncomine Pan-Cancer Cell-Free Assay	Oncomine TCR Beta-SR Assay
Oncomine Focus Assay	Oncomine Myeloid MRD Assay		Oncomine Immune Response Research Assay
Oncomine <i>BRCA</i> Research Assay	Oncomine Myeloid Research Assay GX		

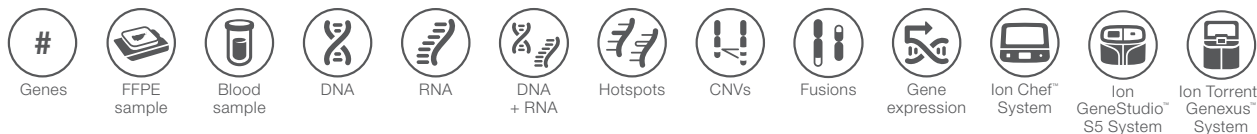
\* Portfolio as of January 2020.

\*\* The content provided herein may relate to products that have not been officially released and is subject to change without notice.

Choose from a broad menu of targeted and pan-cancer research assays for biomarker testing from FFPE tissue and blood samples.

FFPE-tissue research testing solutions	Hematology-oncology research solutions	Liquid biopsy research testing solutions	Immuno-oncology research solutions
<b>Oncomine Precision Assay (GX)</b> Comprehensive genomic profiling that enables hands-free detection of key biomarkers in one day 50	<b>Oncomine Myeloid Research Assay</b> Profiling of multiple relevant driver genes associated with myeloid malignancies 69	<b>Oncomine cfDNA Assays for Lung, Breast, Colon</b> Plasma analysis of cell-free DNA for specific cancer sample types with targeted cfDNA assays ≤14	<b>Oncomine Immune Response Research Assay</b> Gene expression of tumor-immune interactions 395
<b>Oncomine Comprehensive Assay Plus</b> Comprehensive genomic profiling across >500 genes, plus key immuno-oncology research biomarkers like TMB and MSI 500+	<b>Oncomine Childhood Cancer Research Assay</b> Comprehensive genomic profiling of childhood and young-adult cancer samples 203	<b>Oncomine Breast cfDNA Assay v2</b> Plasma analysis of cell-free DNA for breast cancer-related variants including high coverage of TP53 12	<b>Oncomine TCR Beta-LR Assay</b> Measurement of T cell diversity and clonal expansion from all regions of the T cell beta chain: CDR1, 2, and 3 
<b>Oncomine Comprehensive Assay v3 (GX)</b> Comprehensive genomic profiling based on the latest scientific and clinical research evidence 161	<b>Oncomine BCR IGH LR Assay</b> Accurate B cell clonality and somatic hypermutation (SHM) analysis 	<b>Oncomine Lung Cell-Free Total Nucleic Acid Research Assay</b> Plasma analysis of cfDNA and cfRNA for lung cancer-related variants and tumor suppressor genes 12	<b>Oncomine TCR Beta-SR Assay</b> Identification of T cell clones; measurement of clonal expansion from CDR3 of the T cell beta chain 
<b>Oncomine Focus Assay</b> Targeted, multi-biomarker assay that enables detection of hotspots, SNVs, indels, CNVs, and gene fusions from DNA and RNA in a single workflow 52	<b>Oncomine BCR IGH SR Assay</b> Sensitive detection of malignant B cell clones for measurable residual disease (MRD) research 	<b>Oncomine Pan-Cancer Cell-Free Assay</b> Plasma analysis of cfDNA and cfRNA across 18 different cancer sample types 52	<b>Oncomine Tumor Mutation Load Assay</b> Quantitative assessment of tumor mutational burden 409
<b>Oncomine BRCA Research Assay</b> 100% exonic coverage of BRCA 1/2 genes, large indels, and exon or whole-gene deletion/duplication 2			
<b>Oncomine tumor specific panels</b> Focused, predesigned cancer research panels with content relevant for clinical research ≤30			

Legend



Find out more at [oncomine.com/assays](https://oncomine.com/assays)

