

NGS-Characterized Specimens

Precision for Medicine offers clinical samples characterized via next-generation sequencing (NGS) to help researchers optimize biomarker and diagnostic development. Since 2020, the Precision Oncology Sequencing Initiative (Project P.O.S.I.) has led to the NGS characterization of over 12,000 FFPE tissue blocks and 350 liquid biopsy samples, identifying mutations of interest for targeted drug development. All samples are collected under IRB-approved consent and protocols accompanied by QC flow cytometry reports upon request. Project P.O.S.I. is both assay agnostic and platform agnostic, allowing for custom collections and data generation.

Specimen Types

- FFPE tissue blocks
- Liquid biopsy

NGS Platforms

Low, medium, and high throughput sequencers:

- 8 million throughput sequencer
- 60 million throughput sequencer
- 260 million throughput sequencer
- 15 billion throughput sequencer

Our characterized specimens undergo quality control and pathology services, spanning across 2798 unique cancer driven variants. Additional characterization and data available for our NGS-characterized specimens on the following instruments:

Immunohistochemistry Platforms

- Roche Diagnostics BenchMark ULTRA
- Leica Biosystems BOND III; BOND MAX
- Dako Omnis
- Dako Agilent Autostainer Link 48

Slide Scanning Platforms

- Leica Aperio™ GT 450™
- Leica Aperio AT2
- 3D HISTECH™
- Akoya Phenolmager HT

Molecular Platforms

- ddPCR - Bio-Rad QX20™
- Nanostring nCounter®
- qPCR - QuantStudio™12K Flex

Quality Biospecimens. Superior Science.

The most comprehensive resource of biospecimens and biomarker services for your diagnostic and therapeutic R&D

7.5

MILLION
LIQUID
BIOSPECIMENS

3.5

MILLION
TISSUE
BIOSPECIMENS

7

LABS ACROSS
NORTH AMERICA
AND EUROPE

90+

MEDICAL
CONDITIONS FOR
PROSPECTIVE
COLLECTIONS

350+

IVD AND CDx
SUBMISSIONS
AND GLOBAL
REGISTRATIONS

Ask About Our Therapeutic Areas*

• Oncology	• Rare & Orphan	• CNS
• Metabolic	• Respiratory	• Immunology & Rheumatology
• Gastroenterology	• Ophthalmology	• Infectious
• Reproductive	• Cardiovascular	• Dermatology

*Other diseases available upon request.



Biospecimens



Kitting & Logistics



Clinical Trial Support



Specialty Labs & Biomarker Assays



Regulatory Consulting

Download your
digital copy



For more information email us at
biospecimens@PrecisionForMedicine.com
or visit www.PrecisionBiospecimens.com

© 2023 All Rights Reserved.
Rev. 01

PRECISION
for medicine