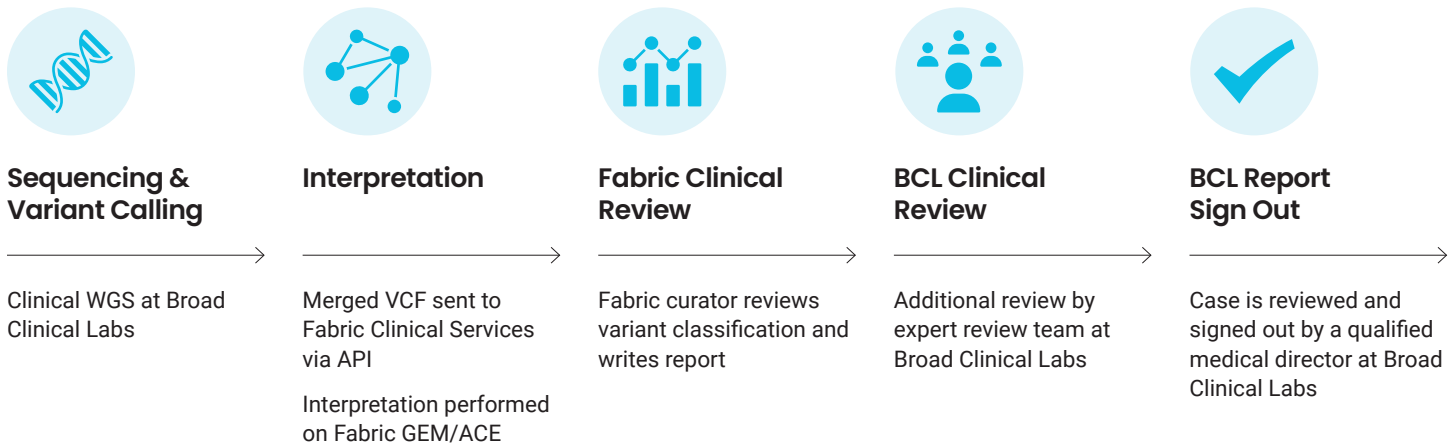


# \$1,000 Sample-To-Report Clinical Whole Genome Service from Broad Clinical Labs



Broad Clinical Labs' (BCL) Clinical Human Whole Genome Sequencing service provides validated, high-quality sequencing data generated through the same laboratory processes that have produced ≥610,000 research genomes to date. For this clinical offering, interpretation and reporting utilizes Fabric Genomics' Enterprise platform, a suite of sophisticated AI algorithms that turn data into expert clinical insights in a matter of minutes versus days. This service offering from trusted partners in sequencing and interpretation offers incredible value and is ideal for translational or clinical researchers who require a partner who can operate at scale.

## How It Works



## Clinical Use Cases

### Population Screening



Actionable Genetic Screening Panel (ACMG Secondary Findings Gene List v3.1)

### Indication-based WGS



Variant detection of suspected Rare and inherited genetic disease: Proband or family with a diagnosed disease, phenotype, or syndrome (with HPO terms)



Learn more about the \$1,000 Clinical WGS Service:  
[fabricgenomics.com/wgstest](https://fabricgenomics.com/wgstest)

# Unlock clinical insights from WGS data

Following VCF generation at BCL, Fabric Enterprise software is used to swiftly interpret and generate clinical reports, transforming data into expert insights to empower your programs. Clinical reports are promptly sent for additional review and sign-out at BCL.

## Annotation

Annotation of all types of variants

- Indels
- SNVs
- CNVs
- mtDNA\*

\*in development

## Variant Prioritization

Fabric GEM

AI-driven tool speeds up interpretation by reducing gene review to an average of **2 genes per case**

## Variant Classification

Fabric ACE

Automatic variant classification following ACMG guidelines

Hereditary panels including virtual panels from WES/WGS

## Report Generation



White-labeled reporting and customizable lab workflows

Detailed clinical curation

Options for automated delivery

# Accelerate your research and advance the standard of care

WGS is the most comprehensive genetic assay with the potential to provide greater clinical and research insights due to the breadth of information and potential for reanalysis. However, in clinical applications, it is often last in testing protocols due to cost. Similarly in research, WGS is often passed in favor of lower cost or higher scale assays like panels and exomes.

This offering credibly makes frontline WGS a reality by decreasing costs and increasing scale to match simpler tests. Combined with quality associated with Broad Clinical labs and Fabric Genomics, this presents an unparalleled solution and value for clinicians and researcher alike.



\$1000 Whole Genome Sequence

vs.



Comprehensive content, variant detection, clinical insights

WGS enables improved future discovery vs simpler assays

Efficient and affordable as front-line assay

Separate assay required for detection of different variant types

Aggregate test costs far exceed WGS cost

Tests used in series have longer time to results