PRODUCT DATASHEET

Fabric Hereditary Panels with ACE

A New Solution for Newborn Screening

Introducing a new solution for variant interpretation and clinical reporting: Fabric Hereditary Panels powered by ACE (AI Classification Engine). Leverage an extensively validated, automated ACMG classification engine to accelerate accurate variant interpretation, classification, and clinical reporting down to **minutes** per case.

Increase Accuracy and Turnaround Time for Newborn Screening

ACE is Fabric's new AI-based inference engine that leverages deep gene and variant annotation for highly accurate ACMG variant classification. ACE is embedded into Fabric Enterprise for a complete FASTQ-to-clinical report workflow and is now available for **newborn screening**.

Fabric Enterprise enables hospitals and labs to achieve the highest-accuracy clinical interpretation and fastest turnaround of any genomic analysis platform. With its accurate alignment and variant calling, up-to-date variant annotation, and configurable SOP-based workflows, it strengthens labs' processes with a best-in-class bioinformatics pipeline. ACE makes ACMG classification fast and easy, reducing VUS backlogs and growing your lab's classified variant database with each approved clinical report.

Fabric Enterprise is a secure, cloud-based application. Fabric Genomics maintains HIPAA, ISO 27001, CAP, and CLIA compliance programs.

Fabric Hereditary Panels powered by ACE (AI Classification Engine)

Accurate
Increase confidence in your results with ACMG-compliant classification backed by validation across thousands of variants.

Rapid
Accelerate turnaround time from sequence to report down to minutes per case.

Scalable
Remove interpretation bottlenecks to enable more scale while reducing personnel costs.

The **Newborn Screening Panel** includes 30 genes to screen for serious health conditions at birth

ALDOB	ALPL	ARSA	ARSB	ASAH1
ATP7A	COL3A1	CTNS	CYP27A1	DHCR7
DMD	G6PD	GAA	GALC	GAMT
GBA	GJB2	GLA	GUSB	IDS
IDUA	LIPA	MAN2B1	NAGLU	RB1
SGSH	SLC7A7	SMN1	SMPD1	TPP1

About Fabric Genomics

Fabric Genomics is making genomics-driven precision medicine a reality. The company provides clinical-decision support software that enables clinical labs, hospital systems, and country-sequencing programs to gain actionable genomic insights, resulting in faster and more accurate diagnoses and reduced turnaround time. Fabric uniquely provides a comprehensive AI-based solution that spans the range of NGS applications from targeted panels to exomes and whole-genome sequencing. Fabric was the first to offer a commercial algorithm for diagnostic genomic interpretation and has partnered with leading NGS labs and major hospital systems to bring these groundbreaking advances to patients at over 50 sites running tens of thousands of tests per year. Headquartered in Oakland, California, Fabric Genomics was founded by industry veterans and innovators with a deep understanding of bioinformatics, large-scale genomics, and clinical diagnostics.

Learn more at **www.fabricgenomics.com** ■ **demo@fabricgenomics.com** ■ **510.595.0800**

FABRIC GENOMICS

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